

3-2. 「整理番号」コード表（英語版）（数字3桁、中分類は英字も可）

大分類	中分類（百の位）		小分類（十の位及び一の位）			
University-wide Open Courses	A	Common Seminar	01	Life science archive seminar for graduate course I		
			02	Life science archive seminar for graduate course II		
			03	Life science archive seminar for graduate course III		
	B	Common Lecture	01	Life science archive common lecture I		
			02	Life science archive common lecture II		
			03	Life science archive common lecture III		
Common Courses	A	Integrated Courses	01	Special Lecture on Frontier Science I		
			02	Special Lecture on Frontier Science II		
			03	Special Lecture on Frontier Science III		
			04	Special Lecture on Frontier Science IV		
			05	Special Lecture on Frontier Science V		
			06	Special Lecture on Frontier Science VI		
			07	Stress Management - to enjoy your student life and your social life		
			10	International Systems Design Workshop		
			11	Optimal System Design		
			12	System Architecture		
			13	Case Study: Social Design and Management		
			14	Model Based Project Management		
			15	Seminar in Aging Control Design		
			16	GSFS Research Internship Through Specified Employment I		
			17	GSFS Research Internship Through Specified Employment II		
			18	Seminar in Smart Health Design		
			B	Comprehensive Cooperation	01	Special Lecture on Frontier Science VII
					02	Special Lecture on Frontier Science VIII
	03	Special Lecture on Frontier Science IX				
	C	Technical English	01	Special Lecture on Frontier Science X		
			02	Special Lecture on Frontier Science XI		
	D	Overseas Researches	01	Overseas Researches on Frontier Sciences I		
			02	Overseas Researches on Frontier Sciences II		
			03	Overseas Researches on Frontier Sciences III		
			04	Overseas Researches on Frontier Sciences IV		
			05	Overseas Researches on Frontier Sciences V		
	E	Proactive Research Commons	08	Workshop of Proactive Research Commons		
		World-leading Innovative	03	Advanced UTSIP		
			04	Overseas Exercise in Proactive Environmental Studies I		
			05	Overseas Exercise in Proactive Environmental Studies II		
06			Research Internship for Proactive Environmental Studies I			

大分類	中分類（百の位）		小分類（十の位及び一の位）	
	F	Innovative Graduate Study Program in Proactive Environmental Studies	07	Research Internship for Proactive Environmental Studies II
			08	Transdisciplinary Skills and Theories I
			09	Transdisciplinary Skills and Theories II
			10	Advanced Field Exercise
			15	Critical Thinking Basics - Select concepts, tools and techniques I
			16	Critical Thinking Basics - Select concepts, tools and techniques II
			17	Critical Thinking Skills - Select applications & reflection I
			18	Critical Thinking Skills - Select applications & reflection II

大分類	中分類（百の位）		小分類（十の位及び一の位）	
Division of Environmental Studies Common Subjects	A	Environment Management Program		
	B	Integrated Environmental Design Program	01	Urban Design Studio
			02	Natural Environmental Design Studio I
			03	Natural Environmental Design Studio II
			04	Rural Design Studio
			05	Landscape Design Studio
			06	Architectural Structure Design Studio
			07	Integrated Environment Design Theory
			09	Architecture Design Studio I
			10	Architecture Design Studio II
			11	Natural Environmental Design Studio I
			12	ICT & Multimedia Design Studio
			14	Urban Watershed Design Studio I
			15	Urban Watershed Design Studio II
			16	Community Business Design Studio I
			17	Community Business Design Studio II
	C	Brazil-Japan Collaborative Courses on Naval Architecture and Offshore Engineering		
	D	Minor Program in Sustainability Science		
	E	Transdisciplinary Subjects of Environmental Studies	01	Introduction to Environmental Systems
			02	Introduction to Socio-Cultural Environmental Studies
03			Special Lecture on Project Management	

大分類	中分類（百の位）		小分類（十の位及び一の位）	
Department of Advanced Materials Science	A	Basis of Advanced Materials Science	08	New Introduction to Advanced Materials Science I
			09	New Introduction to Advanced Materials Science IV
			10	New Introduction to Advanced Materials Science VI
			11	New Introduction to Advanced Materials Science VII
			12	New Introduction to Advanced Materials Science II
			13	New Introduction to Advanced Materials Science III
			14	New Introduction to Advanced Materials Science V
	B	Physics	01	Optical Properties of Solids A
			02	Optical Properties of Solids B
			03	Magnetism I
			04	Magnetism II
			06	Introduction to superconductivity and superfluidity
			08	Science of Non-equilibrium Systems
			09	Physics in Quantum Information Technology
			11	Introduction to magnetism and spintronics
			12	Strong Correlation Physics
			13	Advanced materials science in ultrahigh magnetic fields
			14	Introduction to Quantum Technologies
	C	Chemistry	04	Introduction to Biological Physical Chemistry
			06	Physics of transition metal oxides
			07	Chemistry and Physics of Organic Functional Materials
			08	Introduction to Crystallography
			09	Nano Physical Chemistry
			10	Catalysis and Energy Materials Science
	D	Materials Engineering	03	Non-equilibrium process
			04	High-Temperature Materials Design
			05	Plasma Materials Science
			06	Semiconductor Device and Materials I
			07	Semiconductor Device and Materials II
	E	Computational Science · Data Science	01	Computational Science for Many-Body Problems
			03	Computational Physics
			04	Data Compression in Computational Science and Quantum Computing
			05	Machine learning and material science
	F	Interdisciplinary or Overhead View of Advanced Materials Science	01	Synchrotron Radiation Research
			02	Introduction to Surface Science
			04	Advanced Lecture for Materials Science I
			05	Advanced Lecture for Materials Science II
			08	Advanced Materials Science
			09	Frontier Materials Science I
			10	Frontier Materials Science II
			11	Introduction of Transdisciplinary Measurement Science
			12	Introduction of Advanced Nano-probes
			13	Practical Advanced Transdisciplinary Measurement Science
			14	Special Lecture on Advanced Materials Science I

大分類	中分類（百の位）		小分類（十の位及び一の位）	
			15	Special Lecture on Advanced Materials Science II
			16	Special Lecture on Advanced Materials Science III
			17	Special Lecture on Advanced Materials Science IV
			18	Special Lecture on Advanced Materials Science V
			19	Special Lecture on Advanced Materials Science VI
	G	Seminar・ Special Research	01	Advanced Materials Science Seminar I A
			02	Advanced Materials Science Seminar I B
			03	Special Research on Advanced Materials Science I A
			04	Special Research on Advanced Materials Science I B
			05	Advanced Materials Science Seminar II A
			06	Advanced Materials Science Seminar II B
			07	Advanced Materials Science Seminar II C
			08	Special Research on Advanced Materials Science II A
			09	Special Research on Advanced Materials Science II B
			10	Special Research on Advanced Materials Science II C

大分類	中分類（百の位）		小分類（十の位及び一の位）	
Department of Advanced Energy	A	Space propulsion system	01	Energy Systems in Space
			02	Theory on Energy Conversion
			03	Propulsion and Energy Systems
			04	Advanced Energy Conversion
			05	Energy Transfer in Space Applications
	B	Material Science	01	Science and Engineering of Materials Under Severe
			02	Advanced Composite Materials
			03	Fracture and Energy
	C	Deep space exploration	02	Introduction to Deep Space Exploration
			03	Science and Technology of Atmospheric Entry
			04	Deep Space Exploration Mission Study
	D	Control system engineering	01	Welfare Control Engineering
			02	Advanced Motion Control Application
			03	Power System Dynamics
			04	Advanced Power Systems Engineering
	E	Electrical and Electric Engineering	01	Electric Vehicle Engineering
			02	Superconductor Technology
			03	Applied Electromechanical Dynamics
			04	Electromagnetic Environmental Engineering
	F	Energy and Environment	01	Energy-Environmental Systems Engineering
			02	Overview of Advanced Electric Energy Systems
			03	Power System Circuit Analysis
			04	Energy Electronics I
			05	Energy Electronics II
			06	Transportation System Engineering
	G	Nonlinear Science	01	Fundamentals of Plasma Physics
			02	Fundamentals of Fluid Dynamics
			03	Nonlinear Theory
	H	Plasma and Fusion Science	01	Plasma Physics and Controlled Nuclear Fusion
			02	Fusion Energy Engineering
			03	Plasma Diagnostic Techniques
04			Plasma Applications	
05			Advanced Plasma Physics and Engineering	
06			Boundary Plasma Science and Technology	
I	Computational Science	01	Introduction to Computational Fluid Dynamics	
		02	High-speed Numerical Simulation	

大分類	中分類（百の位）		小分類（十の位及び一の位）	
	J	Overall view/Multidisciplinary view	01	Fusion Science Special Lecture I
02			Fusion Science Special Lecture II	
03			Special Lecture on Advanced Energy Engineering I	
04			Special Lecture on Advanced Energy Engineering II	
05			Special Lecture on Advanced Energy Engineering III	
06			Special Lecture on Advanced Energy Engineering IV	
07			Applied Transdisciplinary Design	
08			Seminar in Advanced Energy Engineering I	
09			Seminar in Advanced Energy Engineering II	
10			Special Research on Advanced Energy Engineering I	
11			Special Research on Advanced Energy Engineering II	
12			Special Seminar in Advanced Energy Engineering I	
13			Special Seminar in Advanced Energy Engineering II	
14			Fusion Science Special Lecture III	

大分類	中分類（百の位）		小分類（十の位及び一の位）	
Department of Complexity Science and Engineering			01	Special Lecture on Complexity Science and Engineering I
			02	Special Lecture on Complexity Science and Engineering II
			03	Special Lecture on Complexity Science and Engineering III
			04	Special Lecture on Complexity Science and Engineering IV
			05	Special Lecture on Complexity Science and Engineering V
			06	Special Lecture on Complexity Science and Engineering VI
			07	Special Lecture on Complexity Science and Engineering VII
			08	Special Lecture on Complexity Science and Engineering VIII
			09	Special Lecture on Complexity Science and Engineering IX
			10	Special Lecture on Complexity Science and Engineering X
			11	Special Lecture on Complexity Science and Engineering X I
			12	Special Lecture on Complexity Science and Engineering X II
			13	Special Lecture on Complexity Science and Engineering X III
			14	Special Lecture on Complexity Science and Engineering X IV
			15	Special Lecture on Complexity Science and Engineering X V
			16	Special Lecture on Complexity Science and Engineering X VI
			17	Elementary Course of Experiments on Complexity Science and Engineering
			18	Seminar on Complexity Science and Engineering I
			19	Seminar on Complexity Science and Engineering II
			20	Special Research in Complexity Science and Engineering I
			21	Special Research in Complexity Science and Engineering II
			22	Plasma Wave Physics
			23	Turbulence-induced Transport
			24	Complex Condensed Matter Physics
			26	Surface-Solid State Chemistry
			27	Analyses of Complexity in Earth and Planets
			28	Evolution of Earth and Planets
			29	Observations and explorations of the Earth and planets
			30	Nonlinear System Analyses I
			31	Nonlinear System Analyses II
			32	Instrumentation and Information Processing
			33	Theory of Information and Coding I
			34	Theory of Information and Coding II
			35	Advanced Nuclear Fusion Science and Engineering
			36	Practical Exercises in Nuclear Fusion
			37	Complex biological phenomena
			38	Introduction to Data Driven Science I
			39	Introduction to Data Driven Science II
			40	Space and Planetary Environment
			41	Practical Applications for Deep Space Exploration
			42	Haptics
			43	Advanced Data Analysis
			44	Human-Machine System
			45	Advanced Statistical Modeling

大分類	中分類（百の位）		小分類（十の位及び一の位）	
			46	Neural circuits
			47	Introduction to plasma physics
			48	Remote Sensing Image Analysis
			49	Interdisciplinary Fusion Science
			50	Time Series Analysis

大分類	中分類（百の位）		小分類（十の位及び一の位）	
Department of Integrated Biosciences	A	Integrated Biosciences	01	Breakthrough Now and Then I (Pre-school)
			02	Breakthrough Now and Then II
			03	Bio-Medicine, Drug Discovery
			05	Biochemistry of Cell Responsiveness
			09	Eucaryotic cell biology
			10	Human Evolutionary Specificity
			11	Evolutionary genetics
			13	Microbe vs Non-Microbe Interactions
			14	Frontiers in Cancer Science
			15	Evolutionary genomics
			16	Animal Systems Biology
			17	Molecular Dynamics: Recognition and Response in Organisms
			B	Basic Biosciences
	02	Statistical Analysis for Biosciences		
	C	Life Science English	01	Lessons in Writing Scientific Papers in English
			02	Practice in Oral Presentation in English
	D	Life Science Exercise	01	Debate on Ethics in Science and Technology
			02	Debate on Topics in Science and Technology
			03	Seminar in Integrated Biosciences
			04	Research Project Planning
			05	Advanced Seminar in Integrated Biosciences
			06	Laboratory Course for Broadened Bioscience Skills
	E	Special Lecture	01	Frontiers in Molecular Biology I
			02	Frontiers in Molecular Biology II
	F	Special Research	01	Research of Integrated Biosciences I
			02	Research of Integrated Biosciences II

大分類	中分類（百の位）		小分類（十の位及び一の位）			
Department of Computational Biology and Medical Sciences	F	Fundamental Lecture	01	Fundamental Course I		
			02	Fundamental Course II		
			03	Fundamental Course III		
	A	Advanced Lecture	01	Advanced Course I		
			02	Advanced Course II		
			03	Advanced Course III		
			04	Advanced Course IV		
			05	Advanced Course V		
			06	Advanced Course VI		
			07	Advanced Course VII		
			08	Advanced Course VIII		
	P	Fundamental Exercise	01	Fundamental Exercise I		
			02	Fundamental Exercise II		
			03	Fundamental Exercise III		
			04	Fundamental Exercise V		
	T	Special Lecture / Advanced Exercise	01	Advanced Data Mining for Biology		
			03	Introduction to Medicine		
			04	Introduction to Translational Research		
			31	Special Lectures on Computational Biology I		
			32	Special Lectures on Computational Biology II		
			33	Special Lectures on Computational Biology III		
			34	Special Lectures on Computational Biology IV		
			35	Special Lectures on Computational Biology V		
	B	Research Ethics / Intellectual Property / Public Policy and Governance in Medical Sciences	01	Introduction to Intellectual Property Law in Biotechnology		
			02	Seminar of Intellectual Property in Biosciences		
			03	Advanced Lecture on Biomedical Innovation I		
			04	Advanced Lecture on Biomedical Innovation II		
			05	Exercises of Comprehensive Analysis on Biomedical Innovation		
			08	Research Ethics and Clinical Ethics I		
			09	Research Ethics and Clinical Ethics II		
			10	Exercise in Research Ethics Consultation		
			11	Public Involvement and Engagement Training		
			12	Life Science and Medical Law I		
			S	Joint Lecture with Department of Bioinformatics	01	Basics of Bioinformatics and Systems Biology I
					02	Basics of Bioinformatics and Systems Biology II
	04	Genome Sequence Analysis I				
	05	Genome Sequence Analysis II				
	06	Software and Algorithm Design for Biology I				
	07	Software and Algorithm Design for Biology II				
	09	Omics				
	10	Systems Biology				
	11	Data Mining for Biology				
	12	Biostatistics				

大分類	中分類（百の位）		小分類（十の位及び一の位）	
		and Systems Biology	14	Theoretical Biology
			15	Bioinformatics Programming
			17	Bio-image Informatics
			18	Cell Biophysics
			31	Special Lectures in Bioinformatics and Systems Biology I
			32	Special Lectures in Bioinformatics and Systems Biology II
			33	Special Lectures in Bioinformatics and Systems Biology III
			34	Special Lectures in Bioinformatics and Systems Biology IV
	N	Internationaliz ation Exercise	01	Internationalization Exercises I (Poster presentation)
			02	Internationalization Exercises II (ppt presentation)
			03	Internationalization Exercises III (Writing)
			04	Internationalization Exercises IV
			05	Internationalization Exercises (Short-term global program)
	D	Data Scientist Training/Educ ation Program	01	Functional Bioinformatics
			02	Basic Lecture for Data Science for Drug Development
			03	Exercise of Data Science for Drug Development
			04	Exercise of Biological Data Programming I
			05	Exercise of Biological Data Programming II
			06	Practical Exercise of Data Science I
			07	Practical Exercise of Data Science II
			08	Practical Exercise of Data Science III
			09	Basics on Practical Drug Design
	C	Laboratory Seminar and Research	01	Seminar in Computational Biology and Medical Sciences I
			02	Research in Computational Biology and Medical Sciences I
			03	Compulsory Exercise for PhD Students I
			04	Compulsory Exercise for PhD Students II
			05	Seminar in Computational Biology and Medical Sciences II
			06	Research in Computational Biology and Medical Sciences II
			07	Seminar in Biomedical Innovation I
			08	Seminar in Biomedical Innovation II
			09	Research in Biomedical Innovation I
			10	Research in Biomedical Innovation II

大分類	中分類（百の位）		小分類（十の位及び一の位）			
Department of Natural Environmental Studies	L	Course Lectures	01	Geosphere Change		
			02	Environmental Chemistry		
			03	Atmosphere and Ocean Dynamics		
			04	Terrestrial Ecology		
			05	Hydrosphere Ecology		
			06	Environmental Evolutionary Adaptation		
			07	Landscape Planning and Design		
			08	Environmental Policy		
			10	Water Resource Environment		
			11	Natural Environmental Structures		
			12	Changes of Natural Environment		
			13	Biosphere Functions		
			14	Bio-environmental Studies		
			15	Biosphere Information Science		
			16	Natural Environment Evaluation		
			18	Numerical Modelling for Global Environment Issues		
			19	Environmental Information Science		
			20	Marine Biogeochemical Cycles		
			21	Marine Physical Environments		
			22	Marine Mammal Science		
			23	Modelling for ocean ecosystem		
			25	Dynamics of Natural Environment		
			27	Coastal Marine Science		
			28	Terrestrial Natural Environment		
			29	Ocean Natural Environment		
			30	Material Cycling of Environment		
			31	Natural Environmental Landscape		
			32	Earth Surface Processes		
			S	Exercises	01	Seminar in Natural Environmental Studies I
					02	Seminar in Natural Environmental Studies II
					03	Advanced Seminar on Natural Environmental Studies I
					04	Advanced Seminar on Natural Environmental Studies II
05	Advanced Seminar on Natural Environmental Studies III					
11	Seminar on Marine Affairs IV					
		01	Extensive Fieldwork on Natural Environmental Studies			
		02	Practice in Natural Environmental Studies			
		03	Practice in Marine Studies			
		11	Practice in Environmental Information Science			
		12	Practice in internship for ocean law and ocean policy			
		13	Practice in Coastal Environmental Studies			
		21	Practice in Earth Surface Environment I			
		22	Practice in Earth Surface Environment II			
		23	Advanced Practice in Earth Surface Environment I			
		24	Advanced Practice in Earth Surface Environment II			

大分類	中分類（百の位）		小分類（十の位及び一の位）	
	P	Field Experiments	25	Advanced Practice in Earth Surface Environment III
			31	Practice in Terrestrial Ecosystem I
			32	Practice in Terrestrial Ecosystem II
			33	Advanced Practice in Terrestrial Ecosystem I
			34	Advanced Practice in Terrestrial Ecosystem II
			35	Advanced Practice in Terrestrial Ecosystem III
			41	Practice on Marine Environmental Studies I
			42	Practice on Marine Environmental Studies II
			43	Special Practice on Marine Environmental Studies I
			44	Special Practice on Marine Environmental Studies II
			45	Special Practice on Marine Environmental Studies III
			51	Practice in Terrestrial Landscapes I
			52	Practice in Terrestrial Landscapes II
			53	Advanced Practice in Terrestrial Landscapes I
			54	Advanced Practice in Terrestrial Landscapes II
	55	Advanced Practice in Terrestrial Landscapes III		
	T	Research Works	01	Research Work in Natural Environmental Studies I
			02	Research Work in Natural Environmental Studies II
			03	Advanced Research Work in Natural Environmental Studies I
			04	Advanced Research Work in Natural Environmental Studies II
			05	Advanced Research Work in Natural Environmental Studies III
	G	Seminars	11	Group Seminar in Natural Environmental Studies I
			12	Group Seminar in Natural Environmental Studies II
			13	Group Special Seminar in Natural Environmental Studies I
			14	Group Special Seminar in Natural Environmental Studies II
			15	Group Special Seminar in Natural Environmental Studies III
	E	Laboratory Experiments	11	Experiment in Natural Environmental Studies I
			12	Experiment in Natural Environmental Studies II
			13	Advanced Experiment in Natural Environmental Studies I
			14	Advanced Experiment in Natural Environmental Studies II
			15	Advanced Experiment in Natural Environmental Studies III

大分類	中分類（百の位）		小分類（十の位及び一の位）	
Department of Ocean Technology, Policy, and Environment	A	Ocean Technology Policy, New Industry Development, Marine Environment Creation	06	Special Lecture on Ocean Technology, Policy and Environment I
			07	Special Lecture on Ocean Technology, Policy and Environment II
			08	Special Lecture on Ocean Technology, Policy and Environment III
			09	Project on Ocean Technology, Policy, and Environment I
			10	Project on Ocean Technology, Policy, and Environment II
			11	Social Implementation of Ocean Technology
			12	Ocean Utilization Systems
	B	Fundamentals	03	Material and Structural Mechanics for Ocean Systems
			04	Special lecture on experimental methodology of ocean technology and environment
			05	Theory on Ship Propulsive Performance
			06	Marine Hydrodynamics
	C	Modeling	01	Marine Environmental Modelling
			03	Ocean Data Science
	D	Sensing	03	Marine Robotics and Sensing
	E	Ocean Science	03	Metocean fundamentals for Engineers
	F	Internship	01	Practical Exercise on Ocean Industry I
			02	Practical Exercise on Ocean Industry II
	G	Oversea Internship	01	Special Exercise on Ocean Technology, Policy and Environment I
			02	Special Exercise on Ocean Technology, Policy and Environment II
			03	Special Exercise on Ocean Technology, Policy and Environment III
			04	Special Exercise on Ocean Technology, Policy and Environment IV
	H	Thesis Research	01	Research on Ocean Technology, Policy and Environment I s
			02	Research on Ocean Technology, Policy and Environment I w
			03	Research on Ocean Technology, Policy and Environment II s
			04	Research on Ocean Technology, Policy and Environment II w
			05	Special Research on Ocean Technology, Policy and Environment I s
			06	Special Research on Ocean Technology, Policy and Environment I w
			07	Special Research on Ocean Technology, Policy and Environment II s
			08	Special Research on Ocean Technology, Policy and Environment II w
			09	Special Research on Ocean Technology, Policy and Environment III s
			10	Special Research on Ocean Technology, Policy and Environment III w

大分類	中分類（百の位）		小分類（十の位及び一の位）	
Department of Environment Systems	1	Environment Systems	01	Foundations of Environment Systems I
			02	Foundations of Environment Systems II
			03	Environment Systems I
			04	Environment Systems II
			05	Projects on Environment Systems
			06	Seminar on Environment Systems
	2	Energy & Resources	05	Active Monitoring of Geological Environment
	3	Assessment	01	Safety for Environment and its Systems
			02	Life Cycle Impact Assessment
			03	Management of Radiation Risk
			04	Special Lecture on Environmental Risks
			05	Environmental Toxicology
			07	Advanced Radiation Protection
	4	Natural Environment	03	Geosphere Environment
	5	Environment Conservation & Reclamation	01	Environmental Technology Development
			02	Environmentally Friendly Chemical Process
			03	Environmental Material Systems
	6	Human & Society Environment	04	Material Cycles and Social Systems
	7	Computational Information Science	01	Introduction to Modeling of Environment Systems
			02	Foundations of Environmental Informatics and Sensing
	8	Special Lectures	01	Special Lecture on Environmental System I
02			Special Lecture on Environmental System II	
03			Special Lecture on Environmental Systems III	
04			Special Lecture on Environmental Systems IV	
9	Internship/hands-on training	01	Internship on Environmental System	
		11	Overseas Researches on Environment Systems I	
		12	Overseas Researches on Environment Systems II	
		13	Overseas Researches on Environment Systems III	
		14	Overseas Researches on Environment Systems IV	
		15	Overseas Researches on Environment Systems V	
		16	Overseas Researches on Environment Systems VI	
		17	Overseas Researches on Environment Systems VII	

大分類	中分類（百の位）		小分類（十の位及び一の位）	
	a	Master & Doctoral Researches	01	Researches on Environment Systems I
			02	Researches on Environment Systems II
			21	Experiments on Environment Systems I
			22	Experiments on Environment Systems II
			41	Special Researches on Environment Systems I
			42	Special Researches on Environment Systems II
			43	Special Researches on Environment Systems III
			61	Special Experiments on Environment Systems I
			62	Special Experiments on Environment Systems II
			63	Special Experiments on Environment Systems III

大分類	中分類 (百の位)		小分類 (十の位及び一の位)	
Department of Human and Engineered Environmental Studies	A	Energy and Environment		
	B	Mechatronics	04	Actuation technologies
	C	System engineering	02	Knowledge Information Processing
			03	Modeling and analysis of complex systems
			05	Special Lecture on i-Construction Systems for Infrastructure Projects
			06	Special Seminar on i-Construction Systems for Infrastructure Projects
	D	Information engineering	01	Human and Environmental Information Wearable Sensing
			02	Environmental Simulation I
			03	Environmental Simulation II
			05	Robot Informatics
	E	Mechanical engineering	02	Dynamics and Control Seminar
	F	Barrier-free		
	G	Electrical and Electric Engineering		
	H	Overall view/Multidisciplinary view	01	Special Lecture on Human and Engineered Environment I
			02	Special Lecture on Human and Engineered Environment II
			05	Human and Engineered Environmental Studies (Basic I)
			06	Human and Engineered Environmental Studies (Basic II)
			09	Special Exercises in Human and Engineered Environment I
			10	Special Exercises in Human and Engineered Environment II
			11	Special Exercises in Human and Engineered Environment III
			12	Special Exercises in Human and Engineered Environment IV
			13	Special Exercises in Human and Engineered Environment V
			14	Nanoprocessing and Nanometrology
			15	Human and Engineered Environmental Studies (Development)
			17	Special Lecture on Human Factors
			18	Special Lectures on Human and Engineered Environmental Studies
			19	Human and Engineered Environmental Studies (Basic II A)
20			Human and Engineered Environmental Studies (Basic II B)	
21			Concept Rapid Prototyping	
22			Teaching Development in Higher Education	
23	Theory of measurement and analysis of biomedical			
24	Neuroengineering			
25	Special Lecture on Decommissioning and Dismantling E			
26	Exercises in Human Environmental Design M			
27	Exercises in Human Environmental Design D			

大分類	中分類（百の位）		小分類（十の位及び一の位）	
Department of Socio-Cultural Environmental Studies	A	Society & Humanity	01	Environmental Movement
			02	Environmental Ethics
			03	History of Human and Environment
			04	Studies in Culture and Environment
			05	Historical Landscape Ecology
			06	Seminar on Society and Humanity I
			07	Seminar on Society and Humanity II
			08	Seminar on Society and Humanity III
			09	Humanities and Social sciences for Sustainability
			10	Introduction for Applied Ethics
			11	Ethics of Eating
	B	Spatial Planning & Design	01	Design for Living Environments
			02	Spatial Planning and Design
			03	Management of Built Environment
			04	Exercise on Management of Built Environment
			07	Morphology of Architectural Structures
			08	Exercise on Space Environment Engineering
			09	Practice in Architectural Design I
			10	Practice in Architectural Design II
			11	Lighting Environment
			12	Seminar on Lighting Environment
			C	Water and Material Cycles
	02	Water and Wastewater Treatment for Material Recycling		
	04	Coastal Environment Infrastructure Studies		
	05	Seminar on Coastal Environment Infrastructure Studies		
	08	Water and Environmental Hygiene		
	09	Seminar on Urban Water Environment I		
	10	Seminar on Urban Water Environment II		
	11	Coastal Management		
	12	Seminar on Coastal Management		
	D	Spatial Information Science		
			02	Spatial Information Analysis
			03	Seminar on Spatial Information Analysis
			05	Seminar on Spatial Information System
			06	Statistical Data Analysis
			07	Urban and Regional Economic Analyses I
			08	Urban and Regional Economic Analyses II
			10	Urban Computing
			11	Seminar on Spatial Information Analysis
			12	Sustainable User Interface Design

大分類	中分類（百の位）		小分類（十の位及び一の位）	
	E	Socio-cultural Environmental Studies	01	Transdisciplinary Seminar on Socio-Cultural Environment
02			Seminar on Socio-cultural Environment I	
03			Seminar on Socio-cultural Environment II	
04			Seminar on Socio-cultural Environment III	
05			Seminar on Socio-cultural Environment IV	
06			Practice on Socio-Cultural Environment	
07			Study on Socio-cultural Environment	
08			Special Seminar on Socio-cultural Environment I	
09			Special Seminar on Socio-cultural Environment II	
10			Special Study on Socio-cultural Environment	
11			Special Lecture on Socio-cultural and Socio-physical Environment I	
12			Special Lecture on Socio-cultural and Socio-physical Environment II	

大分類	中分類（百の位）		小分類（十の位及び一の位）	
Department of International Studies	A	Introductory Courses	02	Introduction to Statistics and Quantitative Analysis
			03	Instruments for ODA
			06	Basic Mathematics for International Studies
			07	Field Work and Formation of Hypotheses
	B	Core Courses	02	Development Economics
			08	Introduction to Geoinformatics
			13	Mathematical Methods for International Studies I
			14	Mathematical Methods for International Studies II
			16	Agricultural Water Management
			17	International Studies Research Seminar
			18	Interpersonal and Organizational Dynamics in International Cooperation
			19	Financial Economics I
			20	Environmental and Climate Justice
			21	Sustainability Science: Japanese Perspectives
			22	Climate Change and Development Cooperation - Climate Change-Related Needs of Developing Countries and the Role of Development Cooperation
	23	Socio-Environmental Spatial Data Analysis		
	C	Applied Courses	10	Process of Environmental and Technology Policies
			16	International Studies Lecture Series VI
			27	Water Security
			28	Water Security: Exercise
			30	International Studies Lecture Series VII
			31	International Studies Lecture Series VIII
			32	International Studies Lecture Series IX
			33	International Studies Lecture Series X
			34	Agro-Environmental Studies
			35	Disaster and Risk Process Analysis
			36	Language and Discourse Analysis for International Cooperation
			37	Financial Economics II
			41	Advanced Lecture on International Studies X III
			42	Advanced Lecture on International Studies X IV
			43	Advanced Lecture on International Studies X V
			44	Negotiation and Consensus Building for Sustainability
			45	Institutional Analysis of Cooperative Behaviors
46			Quantitative Methods in Ecosystem Conservation and Management	
47			Practical project planning and financial/economic analysis - Case studies of the projects of international organisations	
48			Introduction to Climate-related Finance and Information Disclosure	
49			Quantification of Climate-related Risks and Carbon Accounting	
50	From Reading to Writing			
51	Development, Politics, and Public Administration			
52	Policy Process Analysis			
53	Advanced Lecture on International Studies X VI			
54	Advanced Lecture on International Studies X VII			

大分類	中分類（百の位）		小分類（十の位及び一の位）	
	D	Practical Courses	02	Field Work for Development Aid
			03	Summer Program
			04	Masters Internship I
			05	Masters Internship II
			06	Doctoral Internship I
			07	Doctoral Internship II
			08	Exercise of Field Work
			E	Thesis Research
	22	International Studies Seminar I S2		
	23	International Studies Seminar I A1		
	24	International Studies Seminar I A2		
	25	International Studies Seminar II S1		
	26	International Studies Seminar II S2		
	27	International Studies Seminar II A1		
	28	International Studies Seminar II A2		
	29	Doctoral Research Seminar I S1		
	30	Doctoral Research Seminar I S2		
	31	Doctoral Research Seminar I A1		
	32	Doctoral Research Seminar I A2		
	33	Doctoral Research Seminar II S1		
	34	Doctoral Research Seminar II S2		
	35	Doctoral Research Seminar II A1		
	36	Doctoral Research Seminar II A2		
	37	Doctoral Research Seminar III S1		
	38	Doctoral Research Seminar III S2		
	39	Doctoral Research Seminar III A1		
	40	Doctoral Research Seminar III A2		

大分類	中分類（百の位）		小分類（十の位及び一の位）	
Graduate Program in Sustainability Science	A	Science of Sustainability	05	Fundamentals of Sustainability Science
	B	Science for Sustainability	03	Management and Policy Studies of Sustainability
			05	Planning and Design for Sustainability
			06	Education and Sustainability
			07	Biodiversity
			08	Frontier of Sustainability Science
			14	Special Lecture on Sustainability Science I
			15	Special Lecture on Sustainability Science II
			19	Field Exercise on Sustainability Science
			20	Global Field Exercise A
			21	Global Field Exercise B
			22	Global Internship
			23	Management and Policy Studies of Sustainability
			24	Global Internship A
			25	Global Internship B
			26	Climate Change Governance
	D	Thesis Research	01	Seminar on Sustainability Science (Master's)
			02	Master's Research on Sustainability Science I
			03	Master's Research on Sustainability Science II
			04	Master's Research on Sustainability Science III
			05	Master's Research on Sustainability Science IV
			06	Seminar on Sustainability Science (Doctoral)
			07	Doctoral Research on Sustainability Science I
			08	Doctoral Research on Sustainability Science II
			09	Doctoral Research on Sustainability Science III
			10	Doctoral Research on Sustainability Science IV
		11	Doctoral Research on Sustainability Science V	
		12	Doctoral Research on Sustainability Science VI	
E	Minor Program in Sustainability Science	01	Seminar on Sustainability Science I	
		02	Seminar on Sustainability Science II	