## ISTC(理工学研究科博士課程前期)

No.	授業科目名	英文科目名	科目ナンバリング
1	Advanced Communications Engineering (E)	Advanced Communications Engineering (E)	INN-16-1-6
2	Advanced Emergent Systems (E)	Advanced Emergent Systems (E)	INF-16-1-6
3	Advanced Programming Language (E)	Advanced Programming Language (E)	S0F-16-1-6
4	Advanced Nature-Inspired Computing (E)	Advanced Nature-Inspired Computing (E)	INF-16-1-6
5	Advanced Information and Computer Sciences (E)	Advanced Information and Computer Sciences (E)	SCI-16-1-6
6	Internship (E)	Internship (E)	CAE-16-1-6
7	Advanced Distributed Systems (E)	Advanced Distributed Systems (E)	S0F-16-1-6
8	Advanced Natural Language Processing (E)	Advanced Natural Language Processing (E)	INI-16-1-6
9	Advanced Optimization Technologies (E)	Advanced Optimization Technologies (E)	SOF-16-1-6
10	Advanced Knowledge Discovery in Databases (E)	Advanced Knowledge Discovery in Databases (E)	INI-16-1-6
11	Research and Experiments I(E) 【Information and Computer Science(For entrance in spring)】	Research and Experiments I(E) 【Information and Computer Science(For entrance in spring)】	SCI-16-1-6
12	Research and Experiments II(E) 【Information and Computer Science(For entrance in spring)】	Research and Experiments II(E) [Information and Computer Science(For entrance in spring)]	SCI-16-1-6
13	Research and Experiments III(E) 【Information and Computer Science(For entrance in spring)】	Research and Experiments III(E) [Information and Computer Science(For entrance in spring)]	SCI-16-1-6
14	Research and Experiments IV(E)) [Information and Computer Science(For entrance in spring)]	Research and Experiments IV(E)) [Information and Computer Science(For entrance in spring)]	SCI-16-1-6
15	Research and Experiments I(E) [Information and Computer Science(For entrance in fall)]	Research and Experiments I(E) [Information and Computer Science(For entrance in fall)]	SCI-16-1-6
16	Research and Experiments II(E) [Information and Computer Science(For entrance in fall)]	Research and Experiments II(E) [Information and Computer Science(For entrance in fall)]	SCI-16-1-6
17	Research and Experiments III(E) [Information and Computer Science(For entrance in fall)]	Research and Experiments III(E) [Information and Computer Science(For entrance in fall)]	SCI-16-1-6
18	Research and Experiments IV(E) [Information and Computer Science(For entrance in fall)]	Research and Experiments IV(E) [Information and Computer Science(For entrance in fall)]	SCI-16-1-6
19	Advanced Infrastructure Engineering (E)	Advanced Infrastructure Engineering (E)	PEP-16-1-6
20	Advanced Opto-Electronic Waveguide (E)	Advanced Opto-Electronic Waveguide (E)	CNE-16-1-6
21	Electrical Power Systems Engineering (E)	Electrical Power Systems Engineering (E)	PEP-16-1-6
22	Advanced Applications of Electronics (E)	Advanced Applications of Electronics (E)	EEE-16-1-6
23	Advanced Electrical and Electronic Engineering I (E)	Advanced Electrical and Electronic Engineering I (E)	EEE-16-1-6
24	Advanced Electrical and Electronic Engineering II (E)	Advanced Electrical and Electronic Engineering II (E)	EEE-16-1-6
25	Internship (E)	Internship (E)	CAE-16-1-6
26	Research and Experiments I (E) 【Electrical and Electronic Engineering(For entrance in spring)】	Research and Experiments I (E) 【Electrical and Electronic Engineering(For entrance in spring)】	EEE-16-1-6
27	Research and Experiments II(E) 【Electrical and Electronic Engineering(For entrance in spring)】	Research and Experiments II(E) 【Electrical and Electronic Engineering(For entrance in spring)】	EEE-16-1-6
28	Research and Experiments III(E) 【Electrical and Electronic Engineering(For entrance in spring)】	Research and Experiments III(E) 【Electrical and Electronic Engineering(For entrance in spring)】	EEE-16-1-6
29	Research and Experiments IV(E) 【Electrical and Electronic Engineering(For entrance in spring)】	Research and Experiments IV(E) 【Electrical and Electronic Engineering(For entrance in spring)】	EEE-16-1-6
30	Research and Experiments I(E) 【Electrical and Electronic Engineering(For entrance in fall)】	Research and Experiments I(E) [Electrical and Electronic Engineering(For entrance in fall)]	EEE-16-1-6
31	Research and Experiments II(E) 【Electrical and Electronic Engineering(For entrance in fall)】	Research and Experiments II(E) 【Electrical and Electronic Engineering(For entrance in fall)】	EEE-16-1-6
32	Research and Experiments III(E) 【Electrical and Electronic Engineering(For entrance in fall)】	Research and Experiments III(E) [Electrical and Electronic Engineering(For entrance in fall)]	EEE-16-1-6
33	Research and Experiments IV(E) 【Electrical and Electronic Engineering(For entrance in fall)】	Research and Experiments IV(E) [Electrical and Electronic Engineering(For entrance in fall)]	EEE-16-1-6
34	Advanced Fluid Dynamics (E)	Advanced Fluid Dynamics (E)	FEN-16-1-6
35	Advanced Mechanics of Materials (E)	Advanced Mechanics of Materials (E)	MMM-16-1-6
36	Advanced Spray Combustion Science (E)	Advanced Spray Combustion Science (E)	THN-16-1-6
37	Advanced Fluid Engineering (E)	Advanced Fluid Engineering (E)	FEN-16-1-6
38	Advanced Mechanical Materials (E)	Advanced Mechanical Materials (E)	MMM-16-1-6
39	Advanced Mechanical Engineering I (E)	Advanced Mechanical Engineering I (E)	DYC-16-1-6
40	Advanced Mechanical Engineering II(E)	Advanced Mechanical Engineering II(E)	DYC-16-1-6
41	Internship (E)	Internship (E)	CAE-16-1-6

## ISTC(理工学研究科博士課程前期)

No.	授業科目名	英文科目名	科目ナンバリング
42	Research and Experiments I(E) [Mechanical Engineering(For entrance in spring)]	Research and Experiments I(E) [Mechanical Engineering(For entrance in spring)]	MEC-16-1-6
43	Research and Experiments II(E) 【Mechanical Engineering(For entrance in spring)】	Research and Experiments II(E) [Mechanical Engineering(For entrance in spring)]	MEC-16-1-6
44	Research and Experiments III(E) 【Mechanical Engineering(For entrance in spring)】	Research and Experiments III(E) 【Mechanical Engineering(For entrance in spring)】	MEC-16-1-6
45	Research and Experiments IV(E) [Mechanical Engineering(For entrance in spring)]	Research and Experiments IV(E) [Mechanical Engineering(For entrance in spring)]	MEC-16-1-6
46	Research and Experiments I(E) [Mechanical Engineering(For entrance in fall)]	Research and Experiments I(E) [Mechanical Engineering(For entrance in fall)]	MEC-16-1-6
47	Research and Experiments II(E) [Mechanical Engineering(For entrance in fall)]	Research and Experiments II(E) [Mechanical Engineering(For entrance in fall)]	MEC-16-1-6
48	Research and Experiments III(E)	Research and Experiments III(E)	MEC-16-1-6
49	[Mechanical Engineering(For entrance in fall)] Research and Experiments IV(E)	[Mechanical Engineering(For entrance in fall)] Research and Experiments IV(E)	MEC-16-1-6
50	[Mechanical Engineering(For entrance in fall)] Advanced Organic Chemistry (E)	[Mechanical Engineering(For entrance in fall)] Advanced Organic Chemistry (E)	ORC-16-1-6
51	Advanced Inorganic Chemistry (E)	Advanced Inorganic Chemistry (E)	INC-16-1-6
52			PHC-16-1-6
	Advanced Physical Chemistry (E)	Advanced Physical Chemistry (E)	
53	Advanced Analytical Chemistry (E)	Advanced Analytical Chemistry (E)	ANC-16-1-6
54	Advanced Transport Phenomena (E)	Advanced Transport Phenomena (E)	PCE-16-1-6
55		Internship (E)	CAE-16-1-6
56	Research and Experiments I(E) [Applied Chemistry(For entrance in spring)]	Research and Experiments I(E) [Applied Chemistry(For entrance in spring)]	APC-16-1-6
57	Research and Experiments II(E) 【Applied Chemistry(For entrance in spring)】	Research and Experiments II(E) 【Applied Chemistry(For entrance in spring)】	APC-16-1-6
58	Research and Experiments III(E) 【Applied Chemistry(For entrance in spring)】	Research and Experiments III(E) 【Applied Chemistry(For entrance in spring)】	APC-16-1-6
59	Research and Experiments IV(E) 【Applied Chemistry(For entrance in spring)】	Research and Experiments IV(E) 【Applied Chemistry(For entrance in spring)】	APC-16-1-6
60	Research and Experiments I(E) 【Applied Chemistry(For entrance in fall)】	Research and Experiments I(E) 【Applied Chemistry(For entrance in fall)】	APC-16-1-6
61	Research and Experiments II(E) 【Applied Chemistry(For entrance in fall)】	Research and Experiments II(E) 【Applied Chemistry(For entrance in fall)】	APC-16-1-6
62	Research and Experiments III(E) 【Applied Chemistry(For entrance in fall)】	Research and Experiments III(E) 【Applied Chemistry(For entrance in fall)】	APC-16-1-6
63	Research and Experiments IV(E) 【Applied Chemistry(For entrance in fall)】	Research and Experiments IV(E) 【Applied Chemistry(For entrance in fall)】	APC-16-1-6
64	Advanced Analysis	Advanced Analysis	BAA-16-1-6
65	Advanced Numerical Analysis (E)	Advanced Numerical Analysis (E)	STS-16-1-6
66	Advanced Difference / Differential Equations (E)	Advanced Difference / Differential Equations (E)	MMA-16-1-6
67	Advanced Natural Environment Studies (E)	Advanced Natural Environment Studies (E)	EAP-16-1-6
68	Advanced Earth and Planetary Environment Science(E)	Advanced Earth and Planetary Environment Science(E)	EAP-16-1-6
69	Advanced Ecology (E)	Advanced Ecology (E)	ECE-16-1-6
70	Advanced Environmental Systems Engineering (E)	Advanced Environmental Systems Engineering (E)	ANC-16-1-6
71	Advanced Human and Environmental Studies(E)	Advanced Human and Environmental Studies(E)	GEC-16-1-6
72	Internship (E)	Internship (E)	CAE-16-1-6
12	Research and Experiments I(E)	Research and Experiments I(E)	UAL-10-1-0
73	[Science of Environment and Mathematical Modeling(For entrance in spring)]		SCI-16-1-6
74	Research and Experiments II(E) 【Science of Environment and Mathematical Modeling(For entrance in spring)】	Research and Experiments II(E) 【Science of Environment and Mathematical Modeling(For entrance in spring)】	SCI-16-1-6
75	Research and Experiments III(E) 【Science of Environment and Mathematical Modeling(For entrance in spring)】	Research and Experiments III(E) 【Science of Environment and Mathematical Modeling(For entrance in spring)】	SCI-16-1-6
76	Research and Experiments IV(E) [Science of Environment and Mathematical Modeling(For entrance in spring)]	Research and Experiments IV(E) 【Science of Environment and Mathematical Modeling(For entrance in spring)】	SCI-16-1-6
77	Research and Experiments I(E) [Science of Environment and Mathematical Modeling(For entrance in fall)]	Research and Experiments I(E) 【Science of Environment and Mathematical Modeling(For entrance in fall)】	SCI-16-1-6
78	Research and Experiments II(E) [Science of Environment and Mathematical Modeling(For entrance in fall)]	Research and Experiments II(E) 【Science of Environment and Mathematical Modeling(For entrance in fall)】	SCI-16-1-6

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No.	授業科目名	英文科目名	科目ナンバリング
79	Research and Experiments III(E) 【Science of Environment and Mathematical Modeling(For entrance in fall)】	Research and Experiments III(E) 【Science of Environment and Mathematical Modeling(For entrance in fall)】	SCI-16-1-6
80	Research and Experiments IV(E) 【Science of Environment and Mathematical Modeling(For entrance in fall)】	Research and Experiments IV(E) 【Science of Environment and Mathematical Modeling(For entrance in fall)】	SCI-16-1-6
81	Computation Structure (E)	Computation Structure (E)	THI-16-1-6
82	Electric Circuit Theory (E)	Electric Circuit Theory (E)	PEP-16-1-6
83	Nonlinear Physics(E)	Nonlinear Physics(E)	MPF-16-1-6
84	Materials Chemistry(E)	Materials Chemistry(E)	MAC-16-1-6
85	Applied Mathematical Analysis (E)	Applied Mathematical Analysis (E)	GMT-16-1-6
86	Biology (E)	Biology (E)	BLS-16-1-6
87	Neuroscience (E)	Neuroscience (E)	NGN-16-1-6
88	Ethics for Scientists and Engineers(E)	Ethics for Scientists and Engineers(E)	SCI-16-1-6
89	Technology and Business Project Management(E)	Technology and Business Project Management(E)	MAN-16-1-6
90	Science and Engineering Writing 1 (E)	Science and Engineering Writing 1 (E)	ENG-16-1-6
91	Science and Engineering Writing 2 (E)	Science and Engineering Writing 2 (E)	ENG-16-1-6
92	Presentation Skills for Scientists and Engineers (E)	Presentation Skills for Scientists and Engineers (E)	CAE-16-1-6
93	R & D Planning for Scientists and Engineers(E)	R & D Planning for Scientists and Engineers(E)	CAE-16-1-6
94	Japanese Corporate Culture(E)	Japanese Corporate Culture(E)	JAS-16-1-6
95	Information and Communication Technology (E)	Information and Communication Technology (E)	WIS-16-1-6
96	Advanced Statistical Finance (E)	Advanced Statistical Finance (E)	ECS-16-1-6
97	Advanced Atmospheric Environment Studies (E)	Advanced Atmospheric Environment Studies (E)	MPO-16-1-6
98	Advanced Biodiversity Science (E)	Advanced Biodiversity Science (E)	BIS-16-1-6
99	Advanced Digital Signal Processing(E)	Advanced Digital Signal Processing(E)	MEE-16-1-6
100	Advanced Optical Communication Engineering(E)	Advanced Optical Communication Engineering(E)	CNE-16-1-6