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Departments	Category		Courses (Japanese title)	Courses (English title)	Quarter	Term	Credits
(Common subject)	В	1T352	固体計算力学I	Computational Mechanics I	1		2.0
		1T381	応用数学特論IV(a)(22-)	Advanced Applied Mathematics IV		I	2.0
		1T382	応用数学特論Ⅳ(b)(22-)	Advanced Applied Mathematics IV		I	2.0
		2T352	固体計算力学II	Computational Mechanics II	2		2.0
		3T357	応用数学特論III(a)(22-)	Advanced Applied Mathematics III		II	2.0
		3T358	応用数学特論III(b)(22-)	Advanced Applied Mathematics III		II	2.0
		3T359	応用数学特論 I	Advanced Applied Mathematics I		II	2.0
	A	1T413	建築熱環境工学A	Architectural Thermal Environmental EngineeringA	1		1.0
		2T414	建築熱環境工学B	Architectural Thermal Environmental EngineeringB	2		1.0
		3T418	環境調整特論A	Environmental Control A	3		1.0
		4T411	環境調整特論B	Environmental Control B	4		1.0
		1T407	構造解析学 1	Analysis of Structures1	1		1.0
Architecture		1T411	│ 音環境解析論A	Theoretical analysis of sound environment in buildingsA	1		1.0
		1T418	建築環境ゼミナール	Seminar on Architectural Environmental Engineering		I	2.0
		1T434	研究活動導入ゼミナール	Introductory Seminar on Research Activities		I	2.0
Architecture	В	2T408	構造解析学2	Analysis of Structures2	2	2. 2. 2. 2. 1. 2. 1. 1.	1.0
	В	2T412	音環境解析論B	Theoretical analysis of sound environment in buildingsB	2		1.0
		3T412	音環境評価論A	Analysis and assessment of sound environment in buildingsA	3		1.0
		3T420	住環境再生特論A	Planning and Regeneration Policy for Residential Environment	3		1.0
		4T410	音環境評価論B	Analysis and assessment of sound environment in buildingsB	4		1.0
			住環境再生特論B	Planning and Regeneration Policy for Residential Environment	4		1.0
	(Contact		建築ゼミナール I	Architectural Seminar I		İ	2.0
	Faculty)	3T413	建築ゼミナールⅡ	Architectural Seminar II		II	2.0

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	A	1T454	水文学と地理情報	Hydrology and GIS	1		2.0
			社会統計学	Social Statistics	2		2.0
			沿岸海洋学	Coastal Oceanography	2		2.0
			コンクリート構造工学特論	Advanced Mechanics of Structural Concrete	4		2.0
		4T455	陸水域の環境	Environmental Limnology	4		2.0
			流域システム	Hydraulic System of River Basins	4		2.0
			岩盤工学特論	Advanced Rock Mechanics	1		2.0
			都市地域経済学	Urban and Regional Economics	1		2.0
Civil		2T452	地震工学特論 I	Advanced Earthquake Engineering I	2		2.0
Engineering			コンクリート工学特論	Advanced Concrete Engineering	2		2.0
			気候システム論	Climate System	2		2.0
	В	2T456	地盤応用力学特論	Advanced Applied Geomechanics	2		2.0
	ь	3T454	橋工学特論	Advanced Bridge Engineering	3		2.0
		3T457	特別講義 I	Advanced Lecture I		II	2.0
		3T462	応用数理計画	Applied Mathematical Programming	3		2.0
		4T453	土質力学特論Ⅱ	Advanced Soil Mechanics II	4		2.0
		4T454	地盤材料工学特論	Advanced Geomaterial Mechanics	4		2.0
			土木技術英語	English for Civil Engineering	4		2.0
			量子物性工学特論	Quantum Materials Physics and Engineering	1		2.0
			固体物性特論 I	Advanced Solid State Physics I		I	2.0
			電力工学特論	Advanced Course on Electric Power Engineering		I	2.0
			計算機システム特論Ⅱ	Advanced Course on Computer System 2	1		2.0
			機械学習論Ⅱ	Machine Learning2	1		2.0
	Α		量子力学特論	Advanced Course on Quantum Mechanics			2.0
Electrical and	A		光電磁波特論	Advanced Electromagnetic Wave		II	2.0
Electronic			真空工学特論(23-)	Advanced Vacuum Engineering	3		2.0
Engineering			有機エレクトロニクス	Organic Electronic	3		2.0
		3T506	先端融合科学特論A(電気電子工学)	Advanced Science and Technology A	3		1.0
		3T518	固体物性特論Ⅱ	Advanced Course on Solid State Physics II		II	2.0
			光デバイス工学特論	Optical Devices	4		2.0
	В	1T506	集積回路設計工学特論	Advanced Course on Integrated Circuit Design		I	2.0
		1T514	電気電子工学ゼミナール	Advanced Electrical and Electronics Seminar		I	2.0
		3T507	画像処理特論	Advanced Course on Image Processing		II	2.0

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		1T551	複雑流体力学	Complex Fluid Dynamics I	1		1.0
			量子物性工学丨	Quantum Materials Engineering I	1		1.0
			多変数制御論	Multi-Variable Control Theory I	1		1.0
			計算流体力学丨	Computational Fluid Dynamics I	1		1.0
			生体流体力学I	Biofluid Mechanics I	1		1.0
			複雑流体力学	Complex Fluid Dynamics II	2		1.0
			量子物性工学	Quantum Materials Engineering II	2		1.0
			多変数制御論	Multi-Variable Control Theory II	2		1.0
	Α		計算流体力学!	Computational Fluid Dynamics II	2		1.0
			生体流体力学II	Biofluid Mechanics II	2		1.0
			気体力学	Gas Dynamics I	3		1.0
			熱エネルギーシステム工学	Thermal Energy System Engineering I	3		1.0
			ロボティクス	Robotics I	3		1.0
			科学技術英語	English for Science and Engineering II	3		1.0
			気体力学II	Gas Dynamics II	4		1.0
Mechanical		4T552	熱エネルギーシステム工学	Thermal Energy System Engineering II	4		1.0
Engineering		4T559	ロボティクスII	Robotics II	4		1.0
	В		機能素子工学丨	Functional device engineering I	1		1.0
			動的マイクロシステム।	Dynamic Microsystem I	1		1.0
			知能化生産システム論	Intelligent Manufacturing Systems I	1		1.0
			機能素子工学Ⅱ	Functional device engineering II	2		1.0
			動的マイクロシステム	Dynamic Microsystem II	2		1.0
			知能化生産システム論┃┃	Intelligent Manufacturing Systems II	2		1.0
			先端融合科学特論A(機械工学)	Advanced Science and Technology A	2		1.0
		3T555	非破壊材料評価学 I	Nondestructive Material Evaluation I	3		1.0
		3T556	マルチスケール固体力学Ⅰ	Multi-scale solid mechanics I	3		1.0
		3T560	マイクロバイオ工学Ⅰ	Micro Bioengineering I	3		1.0
		3T565	輸送現象論	Transport Phenomena I (-19)	3		1.0
			非破壊材料評価学Ⅱ	Nondestructive Material Evaluation II	4		1.0
			マルチスケール固体力学Ⅱ	Multi-scale solid mechanics II	4		1.0
		4T560	マイクロバイオ工学Ⅱ	Micro Bioengineering II	4		1.0
		4T562	輸送現象論Ⅱ	Transport Phenomena II(-19)	4		1.0

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	A	1T622	無機物質創成化学論A	Applied Inorganic Materials Chemistry A	1		2.0
			先端融合科学特論A(応用化学)	Advanced Science and Technology A	2		1.0
		3T606	反応プロセス設計論 1	Design Engineering of Reaction Processes1	3		1.0
		3T608	移動現象特論 1	Advance Transport Phenomena1	3		1.0
		3T614	植物代謝工学	Metabolic Engineering of Plants	3		2.0
		4T607	反応プロセス設計論 2	Design Engineering of Reaction Processes2	4		1.0
		4T609	移動現象特論 2	Advance Transport Phenomena2	4		1.0
		4T614	生物分離工学 2	Bioseparation Engineering2	4		1.0
		1T608	多相系移動現象論 1	Multi-Phase Transport Phenomena1	1		1.0
		1T612	化学英語演習	Practical English in Chemistry and Chemical Engineering		Ι, ΙΙ	2.0
	В	1T623	先端応用化学概論 A	Advanced Seminar for Chemical Science and Engineering A		I , II	2.0
Chemical			先端応用化学概論B	Advanced Seminar for Chemical Science and Engineering B		I , II	2.0
Science and		2T605	高分子化学特論	Advanced Polymer Chemistry	2		2.0
			多相系移動現象論 2	Multi-Phase Transport Phenomena2	2		1.0
Engineering		2T616	高分子物性論	Properties of Polymers	2		2.0
			機能分析化学論	Fuctional Analytical Chemistry	2		2.0
			分離物理化学1	Separation Physical Chemistry 1	3		1.0
			流体物性論 1	Physical Properties of Fluid 1	3		1.0
			生物分離工学 1	Bioseparation Engineering1	3		1.0
		3T619	化学英語	English Writing Chemistry and Chemical Engineering	3		1.0
			流体操作論1	Fluid Process Engineering 1	3		1.0
			分離物理化学2	Separation Physical Chemistry 2	4		1.0
			有機反応論	Organic Reaction Mechanism	4		2.0
			流体物性論 2	Physical Properties of Fluid 2	4		1.0
			流体操作論2	Fluid Process Engineering 2	4		1.0
		4T618	無機物質創成化学論C	Applied Inorganic Materials Chemistry C	4		2.0