

2024 The List of Course in English (英語で開講する科目リスト)IE研究科(平成28年度以降入学生)

2023/3/31

Department	時間制コード	科目区分	授業科目名	Category	Course Title	Instructor	Program	Semester	Term	Day1	Period	Day2	Period	Credit Points	Course's Type
J	25131106	専門科目Ⅰ	知的学習システム	Major Subjects I	Advanced Topics in Machine Learning	SHONO, Hayaru	Master Prog.	Spring Semester		Mon.	1			2	Cb
J	25132105	専門科目Ⅱ	認知プロセス論特論	Major Subjects Ⅱ	Topics on Cognitive Processing	SAKAMOTO, Maki	Master and Doctor Prog.	Spring Semester		Mon.	3			2	Cb
J	25132102	専門科目Ⅱ	認知科学特論	Major Subjects Ⅱ	Advanced Cognitive Sciences	HISANO, Masaki	Master and Doctor Prog.	Spring Semester		Mon.	4			2	Bb
J	25131114	専門科目Ⅰ	経営情報システム	Major Subjects I	Management Information Systems	YAMADA, Tetsuo	Master Prog.	Spring Semester		Wed.	2			2	Bc
J	25131108	専門科目Ⅰ	データマイニング	Major Subjects I	Data Mining	HARADA, Kei & TAKAGI Masanori & OKAMOTO Kazushi	Master Prog.	Spring Semester		Tue.	4			2	Ca
J	25132104	専門科目Ⅱ	学習工学特論	Major Subjects Ⅱ	Learning Informatics	KASHIHARA, Akihiro	Master and Doctor Prog.	Spring Semester		Thu.	2			2	Cb
J	25132119	専門科目Ⅱ	システム信頼性特論	Major Subjects Ⅱ	Advanced Theory of Systems Reliability	JIN, Lu	Master and Doctor Prog.	Spring Semester		Thu.	2			2	Bb
J	25132133	専門科目Ⅱ	人工知能特論	Major Subjects Ⅱ	Artificial Intelligence	INABA, Michimasa	Master and Doctor Prog.	Spring Semester		Thu.	4			2	Cb
J	25131117	専門科目Ⅰ	セキュリティ基礎	Major Subjects I	Fundamentals of Security	LI, Yang	Master Prog.	Spring Semester	Spring Term	Tue.	2	Fri.	2	2	Ba
J	25132128	専門科目Ⅱ	ヒューマンインタフェース特論	Major Subjects Ⅱ	Advanced Human Interface	NOJIMA, Takuya	Master and Doctor Prog.	Spring Semester		Fri.	2			2	Cb
J	25132109	専門科目Ⅱ	インタラクティブシステム特論	Major Subjects Ⅱ	Advanced Interactive System	KAJIMOTO, Hiroyuki	Master and Doctor Prog.	Spring Semester		Fri.	4			2	Cb
J	25131113	専門科目Ⅰ	会計情報システム	Major Subjects I	Fundamentals of Accounting Information Systems	KITADA, Hirotsugu	Master Prog.	Spring Semester						2	Bc
J	25132112	専門科目Ⅱ	サービス・サイエンス特論	Major Subjects Ⅱ	Advanced Service Science	KATO, Shogo	Master and Doctor Prog.	Spring Semester		Fri.	2			2	Cb
J	25132113	専門科目Ⅱ	金融工学特論	Major Subjects Ⅱ	Advanced Financial Engineering	NAITO, Riu	Master and Doctor Prog.	Spring Semester						2	Bc
J	25132218	専門科目Ⅱ	生産システム特論	Major Subjects Ⅱ	Advanced Manufacturing Systems Engineering	MIYAUCHI, Takashi	Master and Doctor Prog.	Fall Semester		Mon.	4.5			2	Bc
J	25132206	専門科目Ⅱ	視覚情報処理特論	Major Subjects Ⅱ	Advanced Visual Computing	TAKAHASHI, Hiroki	Master and Doctor Prog.	Fall Semester	Fall Term	Tue.	1	Fri.	1	2	Ca
J	25132210	専門科目Ⅱ	マルチメディアコンピューティング特論	Major Subjects Ⅱ	Advanced Multimedia Computing	EGI, Hironori	Master and Doctor Prog.	Fall Semester		Tue.	2			2	Ca
J	25132203	専門科目Ⅱ	画像認識システム特論	Major Subjects Ⅱ	Advanced Image Recognition Systems	YANAI, Keiji	Master and Doctor Prog.	Fall Semester		Mon.	5			2	Bc
J	25132238	専門科目Ⅱ	コンピュータネットワーク特論	Major Subjects Ⅱ	Advanced Computer Networks	OHZAHATA, Satoshi	Master and Doctor Prog.	Fall Semester		Tue.	3			2	Ca
J	25132222	専門科目Ⅱ	離散情報構造特論	Major Subjects Ⅱ	Advanced Topics on Discrete Information Structure	ISHIGAMI, Yoshiyasu	Master and Doctor Prog.	Fall Semester		Tue.	4			2	Ba
J	25132208	専門科目Ⅱ	計算機科学特論	Major Subjects Ⅱ	Advanced Computer Science	in the process of adjustment	Master and Doctor Prog.	Fall Semester		Tue.	5			2	Ba
J	25132224	専門科目Ⅱ	暗号理論特論	Major Subjects Ⅱ	Advanced Topics on Cryptography	IWAMOTO, Mitsugu	Master and Doctor Prog.	Fall Semester		Wed.	2			2	Bb
J	25132234	専門科目Ⅱ	時空間情報科学特論	Major Subjects Ⅱ	Spatiotemporal Informatics	YAMAMOTO, Kayoko	Master and Doctor Prog.	Fall Semester		Wed.	2			2	Bc
J	25131211	専門科目Ⅰ	情報理論基礎	Major Subjects I	Fundamentals of Information Theory	YAMAGUCHI, Kazuhiko	Master Prog.	Fall Semester		Thu.	3			2	Bc
J	25131105	専門科目Ⅰ	メディアアート論	Major Subjects I	Topics in Media Art	KODAMA, Sachiko	Master Prog.	Fall Semester		Thu.	5			2	Bb
J	25132226	専門科目Ⅱ	インテリジェントシステム特論	Major Subjects Ⅱ	Advanced Topics on Intelligent Soft Computing Systems	HASHIYAMA, Tomonori	Master and Doctor Prog.	Fall Semester		Fri.	2			2	Bb
J	25132223	専門科目Ⅱ	ソフトウェアセキュリティ特論	Major Subjects Ⅱ	Advanced Software Security	ICHINO, Masatsugu	Master and Doctor Prog.	Fall Semester		Fri.	3			2	Cb
I	25232252	専門科目Ⅰ	VLSI Low Power Circuit Design	Major Subjects I	VLSI Low Power Circuit Design	ISHIBASHI, Koichiro & HOANG TRONG THUC	Master Prog.	Spring Semester		Mon.	2			2	Aa
I	25232103	専門科目Ⅱ	環境電磁工学特論	Major Subjects Ⅱ	Advanced Electromagnetic Compatibility	XIAO, Fengchao & KAYANO, Yoshiki	Master and Doctor Prog.	Spring Semester		Mon.	4			2	Cb
I	25232133	専門科目Ⅱ	ベイズの人工知能特論	Major Subjects Ⅱ	Advanced Theory on Bayesian Artificial Intelligence	UENO, Maomi	Master and Doctor Prog.	Spring Semester		Mon.	4			2	Cb

1	25232142	専門科目Ⅱ	アルゴリズム工学特論	Major Subjects Ⅱ	Advanced Topics on Algorithmic Engineering	Koga, hisashi	Master and Doctor Prog.	Spring Semester		Tue.	2			2	Bc
1	25431113	専門科目Ⅰ	集積回路基礎	Major Subjects I	Fundamentals of VLSI Fabrication	TSUKAMOTO,Takahiro & MIYASITA Naoya	Master Prog.	Spring Semester		Tue.	3			2	Cb
1	25232146	専門科目Ⅱ	データ工学原論2	Major Subjects Ⅱ	Principles of Data Engineering 2	OHMORI, Tadashi	Master and Doctor Prog.	Spring Semester		Tue.	4			2	Cb
1	25232136	専門科目Ⅱ	量子情報数理特論	Major Subjects Ⅱ	Advanced Topics on Quantum Information Theory	OGAWA, Tomohiro	Master and Doctor Prog.	Spring Semester		Wed.	3			2	Bb
1	25232147	専門科目Ⅱ	並列処理論第一	Major Subjects Ⅱ	Parallel Processing I	HONDA, Hiroki	Master and Doctor Prog.	Spring Semester		Wed.	3			2	Cb
1	25232137	専門科目Ⅱ	ネットワークコンピューティング特論	Major Subjects Ⅱ	Advanced Network Computing	Wu Celimuge	Master and Doctor Prog.	Spring Semester		Thu.	1			2	Ba
1	25232112	専門科目Ⅱ	伝送工学特論	Major Subjects Ⅱ	Advanced Transmission Engineering	ANDO, Yoshiaki	Master and Doctor Prog.	Spring Semester		Thu.	2			2	Cb
1	25231106	専門科目Ⅰ	情報伝送基礎	Major Subjects I	Fundamentals of Information Transmission	SUTO, Katsuya	Master Prog.	Spring Semester		Thu.	3			2	Ca
1	25432214	専門科目Ⅱ	固体照明工学特論	Major Subjects Ⅱ	Solid State Lighting	UCHIDA, Kazuo	Master and Doctor Prog.	Spring Semester		Thu.	3			2	Ba
1	25232125	専門科目Ⅱ	理論計算機科学特論	Major Subjects Ⅱ	Advanced Study for Theoretical Computer Science	TARUI, Jun	Master and Doctor Prog.	Spring Semester		Thu.	3			2	Ba
1	25231110	専門科目Ⅰ	デジタル信号処理基礎	Major Subjects I	Fundamentals of Digital Signal Processing	ZHANG, Xi & WASHIZAWA, Yoshikazu	Master Prog.	Spring Semester		Thu.	4			2	Ba
1	25232127	専門科目Ⅱ	計算機特論	Major Subjects Ⅱ	Topics on Theory of Computation	ITO, Hiro	Master and Doctor Prog.	Spring Semester		Thu.	4			2	Bc
1	25231107	専門科目Ⅰ	情報通信ネットワーク	Major Subjects I	Information and Communication Networks	KITSUWAN NATTAPONG	Master Prog.	Spring Semester		Mon.	3			2	Aa
1	25232111	専門科目Ⅱ	信号解析学特論	Major Subjects Ⅱ	Advanced Signal Processing	ITO, Hiroya	Master and Doctor Prog.	Spring Semester		Fri.	3			2	Cb
1	25232101	専門科目Ⅱ	集積回路設計特論	Major Subjects Ⅱ	Advanced Integrated Circuit Design	ISHIKAWA, Ryo & KOJIMA, Toshiharu & ONO, Satoshi	Master and Doctor Prog.	Spring Semester						2	Cb
1	25232235	専門科目Ⅱ	情報幾何学特論	Major Subjects Ⅱ	Advanced Topics on Information Geometry	SUZUKI, Jun	Master and Doctor Prog.	Fall Semester		Wed.	2			2	Bb
1	25232244	専門科目Ⅱ	基盤ソフトウェア特論	Major Subjects Ⅱ	Advanced Programming Languages: Concepts and Implementation	KOMIYA, Tsuneyasu	Master and Doctor Prog.	Fall Semester		Mon.	3			2	Cb
1	25132203	専門科目Ⅱ	画像認識システム特論	Major Subjects Ⅱ	Advanced Image Recognition Systems	KELJI YANAI	Master and Doctor Prog.	Fall Semester		Mon.	5			2	Bc
1	25231214	専門科目Ⅰ	応用アルゴリズム論	Major Subjects I	Applied Algorithms	KOBAYASHI, Satoshi	Master Prog.	Fall Semester		Tue.	3			2	Cb
1	25232238	専門科目Ⅱ	計算機ネットワーク特論	Major Subjects Ⅱ	Advanced Interconnection Networks	YOSHINAGA, Tsutomu	Master and Doctor Prog.	Fall Semester		Tue.	3			2	Bb
1	25232213	専門科目Ⅱ	電磁波環境観測技術特論	Major Subjects Ⅱ	Advanced topics on electromagnetic wave technology	HOBARA, Yasuhide	Master and Doctor Prog.	Fall Semester		Tue.	4			2	Bb
1	25232231	専門科目Ⅱ	情報ネットワーク特論	Major Subjects Ⅱ	Topics on Information Networks	TANG, Suhua	Master and Doctor Prog.	Fall Semester		Tue.	4			2	Cb
1	25232143	専門科目Ⅱ	システムソフトウェア特論	Major Subjects Ⅱ	Advanced Topics on System Software	YAMAKI, Hayato	Master and Doctor Prog.	Fall Semester		Tue.	5			2	Cb
1	25232241	専門科目Ⅱ	音声対話処理	Major Subjects Ⅱ	Advanced Theory on Spoken Dialog Processing	MINAMI, Yasuhiro	Master and Doctor Prog.	Fall Semester		Wed.	2			2	Ba
1	25232240	専門科目Ⅱ	データ解析最適化論	Major Subjects Ⅱ	Advanced Topics in Data Analysis Optimization	LIU, Zhi	Master and Doctor Prog.	Fall Semester	Fall Term	Mon.	1	Thu.	1	2	Aa
1	25232205	専門科目Ⅱ	情報理論特論	Major Subjects Ⅱ	Advanced Information Theory	OHAMA, Yasutada	Master and Doctor Prog.	Fall Semester		Thu.	2			2	Cb
1	25232224	専門科目Ⅱ	知能情報特論	Major Subjects Ⅱ	Advanced Intelligent Information Systems	NUMAO, Masayuki	Master and Doctor Prog.	Fall Semester		Thu.	3			2	Ba
1	25231209	専門科目Ⅰ	回路システム基礎	Major Subjects I	Fundamentals of Circuits and Systems	NISHI, Kazuki & KOJIMA, Toshiharu	Master Prog.	Fall Semester		Thu.	4			2	Cb
1	25232232	専門科目Ⅱ	ネットワークアプリケーション特論	Major Subjects Ⅱ	Advanced Topics on Network Applications	YAZAKI, Shunzi	Master and Doctor Prog.	Fall Semester		Thu.	2			2	Cb
1	25232234	専門科目Ⅱ	統計的機械学習特論	Major Subjects Ⅱ	Advanced Statistical Machine Learning	NISHIYAMA, Yu & UTO Masaki	Master and Doctor Prog.	Fall Semester		Thu.	2			2	Cb
1	25232216	専門科目Ⅱ	ヒューマンインタフェース特論	Major Subjects Ⅱ	Advanced Topics on Human Interface	FUJITA, Hideyuki	Master and Doctor Prog.	Fall Semester		Fri.	3			2	Cb
1	25132223	専門科目Ⅱ	ソフトウェアセキュリティ特論	Major Subjects Ⅱ	Advanced Software Security	ICHINO, Masatsugu	Master and Doctor Prog.	Fall Semester		Fri.	3			2	Cb

I	25232208	専門科目II	光通信システム特論	Major Subjects II	Advanced Optical Communication System	KISHI, Naoto	Master and Doctor Prog.	Fall Semester		Fri.	4				2	Bb
I	25232248	専門科目II	並列処理論第二	Major Subjects II	Parallel Processing II	MIWA, Shinobu	Master and Doctor Prog.	Fall Semester		Thu.	4				2	Cb
I	25232207	専門科目II	宇宙通信工学特論	Major Subjects II	Advanced Space Communication Engineering	HOSOKAWA, Keisuke	Master and Doctor Prog.	Fall Semester							2	Ba
I	25231219	専門科目I	連続最適化基礎論	Major Subjects I	Foundation of Continuous Optimization	MURAMATSU, Masakazu	Master and Doctor Prog.	Fall Semester	Fall Term	Mon.	3	Thu.	4		2	Bb
M	25332105	専門科目II	知覚システム特論	Major Subjects II	Advanced topics in perceptual system	SATO, Shunji	Master and Doctor Prog.	Spring Semester		Mon.	3				2	Ca
M	25331106	専門科目I	熱工学基礎	Major Subjects I	Fundamentals of Thermodynamics	OKAWA, Tomio & ENOKI, Koji	Master Prog.	Spring Semester		Mon.	4				2	Bb
M	25331110	専門科目I	生産加工学基礎	Major Subjects I	Fundamentals of Mechanical Working	KUBOKI, Takashi & KAJIKAWA, Shohei	Master Prog.	Spring Semester		Tue.	1				2	Bb
M	25331107	専門科目I	流体工学基礎	Major Subjects I	Fundamentals of Fluid Engineering	INOUE, Yohei	Master Prog.	Spring Semester		Tue.	2				2	Cb
M	25331113	専門科目I	制御系設計学基礎	Major Subjects I	Fundamentals of Control System Design	KOGISO, Kiminao	Master Prog.	Spring Semester		Tue.	3				2	Bb
M	25331105	専門科目I	機械知能システム学専攻基礎	Major Subjects I	Fundamental of Mechanical and Intelligent Systems Engineering	KAN, Tetsuo & SUN, Guanghao & MURAMATSU, Dairoku	Master Prog.	Spring Semester		Wed.	2				2	Bb
M	25331108	専門科目I	バイオメカニクス基礎	Major Subjects I	Fundamentals of Biomechanics	OKADA, Hidetaka	Master Prog.	Spring Semester		Thu.	1				2	Cb
M	25331111	専門科目I	計測工学基礎	Major Subjects I	Fundamentals of Measurement Engineering	MIYAWAKI, Yoichi	Master Prog.	Spring Semester		Thu.	3				2	Bc
M	25331112	専門科目I	ロボット工学基礎	Major Subjects I	Fundamentals of robotics	MING, Aiguo & KOIZUMI, Norihiro	Master Prog.	Spring Semester		Thu.	4				2	Bb
M	25332106	専門科目II	感覚運動システム特論	Major Subjects II	Advanced topics on sensorimotor system	SAKAGUCHI, Yutaka	Master and Doctor Prog.	Spring Semester		Fri.	2				2	Bc
M	25332108	専門科目II	大学院国際協働学術研修	Major Subjects II	Graduate International Jointly Offered Academic Training I	KAN, Tetsuo	Master and Doctor Prog.	Spring Semester							2	Aa
M	25332109	専門科目II	大学院国際協働学術研修 (長期)	Major Subjects II	Graduate International Jointly Offered Academic Training II	KAN, Tetsuo	Master and Doctor Prog.	Spring Semester							4	Aa
M	25332210	専門科目II	運動計測学特論	Major Subjects II	Advanced Measurement and Evaluation of Human Motor Movement	ANDO, Soichi	Master and Doctor Prog.	Fall Semester	Fall Term	Mon.	1	Thu.	1		2	Cb
M	25332207	専門科目II	メカトロニクス特論	Major Subjects II	Advanced Mechatronics	KANAMORI, Chisato & TOGO, Shunta	Master and Doctor Prog.	Fall Semester		Mon.	2				2	Bb
M	25332208	専門科目II	ロボット応用工学特論	Major Subjects II	Advanced Robotics Engineering and Applications	UCHIDA, Masafumi & TANAKA, Motoyasu	Master and Doctor Prog.	Fall Semester		Mon.	3				2	Bb
M	25332209	専門科目II	ロボット機構制御特論	Major Subjects II	Advanced Course of Robotics and Control	TANAKA, Kazuo & YOKOI, Hiroshi	Master and Doctor Prog.	Fall Semester		Mon.	4				2	Ca
M	25332215	専門科目II	知的生産システム特論	Major Subjects II	Advanced Intelligent Production System	MORISHIGE, Koichi	Master and Doctor Prog.	Fall Semester		Tue.	1				2	Bb
M	25332214	専門科目II	設計システム工学特論	Major Subjects II	Advanced Engineering of Design Systems	MASUDA, Hiroshi & YUKI, Hironobu	Master and Doctor Prog.	Fall Semester		Tue.	2				2	Bb
M	25432218	専門科目II	ナノトライボロジー特論	Major Subjects II	Advanced Nanotribology	SASAKI, Naruo	Master and Doctor Prog.	Fall Semester		Tue.	4				2	Cb
M	25332213	専門科目II	ロボット情報工学特論	Major Subjects II	Advanced Information Engineering for Robotics	FUNATO, Tetsuro & NAKATA, Yoshihiro	Master and Doctor Prog.	Fall Semester		Wed.	2				2	Ca
M	25332217	専門科目II	力学系現象特論	Major Subjects II	Advanced Theory of Dynamical Systems	Matuttis Hans-Georg & MAMORI, HIROYA	Master and Doctor Prog.	Fall Semester		Thu.	1				2	Bb
M	25332211	専門科目II	バーチャルリアリティ特論	Major Subjects II	Advanced Virtual Reality	SUGI, Masao	Master and Doctor Prog.	Fall Semester		Thu.	2				2	Bb
M	25332203	専門科目II	ロバスト制御工学特論	Major Subjects II	Advanced Robust Control	KANEKO, Osamu	Master and Doctor Prog.	Fall Semester		Thu.	3				2	Bb
M	25332202	専門科目II	生体計測工学特論	Major Subjects II	Advanced Bioinstrumentation Engineering	KOIKE, Takuzi & MASAMOTO, Kazuto	Master and Doctor Prog.	Fall Semester		Thu.	5				2	Cb
M	25332218	専門科目II	計算力学特論	Major Subjects II	Advanced Computational Mechanics	CHIBA, Kazuhisa & MAMORI, HIROYA	Master and Doctor Prog.	Fall Semester		Fri.	2				2	Bb
M	25332204	専門科目II	組み込み制御システム学特論	Major Subjects II	Advanced Embedded Control System	SAWADA, Kenji	Master and Doctor Prog.	Fall Semester		Fri.	4				2	Ba
S	25431115	専門科目I	画像情報学基礎	Major Subjects I	Fundamentals of Image Engineering	SHIGA, Tomokazu	Master Prog.	Spring Semester		Mon.	3				2	Cb

S	25432109	専門科目Ⅱ	固体・ソフトマターフォトニクス特論	Major Subjects Ⅱ	Solid-State and Soft Matter Photonics	SHOJI, Satoru	Master and Doctor Prog.	Spring Semester		Mon.	4			2	Bb
S	25432120	専門科目Ⅱ	現代レーザー分光光学特論	Major Subjects Ⅱ	Advanced Laser Spectroscopy	NAKAGAWA, Ken'ichi & MORINAGA, Makoto	Master and Doctor Prog.	Spring Semester		Mon.	4			2	Cb
S	25431111	専門科目Ⅰ	分子細胞生物学基礎	Major Subjects I	Fundamentals of Cell and Molecular Biology	SHIRAKAWA, Hideki	Master Prog.	Spring Semester		Tue.	1			2	Ca
S	25432116	専門科目Ⅱ	低温量子物性工学特論	Major Subjects Ⅱ	Advanced Low Temperature Physics	SUZUKI, Masaru	Master and Doctor Prog.	Spring Semester		Tue.	1			2	Cb
S	25432104	専門科目Ⅱ	ナノエレクトロニクス特論	Major Subjects Ⅱ	Advanced Nano-Electronics	NAKAMURA, Jun	Master and Doctor Prog.	Spring Semester		Tue.	2			2	Bb
S	25431113	専門科目Ⅰ	集積回路基礎	Major Subjects I	Fundamentals of VLSI Fabrication	TSUKAMOTO, Takahiro & MIYASITA Naoya	Master Prog.	Spring Semester		Tue.	3			2	Cb
S	25431107	専門科目Ⅰ	光・量子エレクトロニクス基礎	Major Subjects I	Fundamentals of Optical and Quantum Electronics	ZHANG, Yun	Master Prog.	Spring Semester		Tue.	4			2	Ba
S	25432140	専門科目Ⅱ	生命分子化学特論	Major Subjects Ⅱ	Biomolecular Chemistry	TANAKA, Makiko	Master and Doctor Prog.	Spring Semester		Wed.	2			2	Cb
S	25432102	専門科目Ⅱ	ナノフォトニクス特論	Major Subjects Ⅱ	Advanced Nanophotonics	SHOJI, Satoru	Master and Doctor Prog.	Spring Semester		Wed.	3			2	Bb
S	25431108	専門科目Ⅰ	光デバイス工学基礎	Major Subjects I	Fundamentals of Photonic Devices	YAMAGUCHI, Kouichi	Master Prog.	Spring Semester		Thu.	2			2	Cb
S	25432214	専門科目Ⅱ	固体照明工学特論	Major Subjects Ⅱ	Solid State Lighting	UCHIDA, Kazuo	Master and Doctor Prog.	Spring Semester		Thu.	3			2	Ba
S	25432121	専門科目Ⅱ	原子光工学特論	Major Subjects Ⅱ	Advanced Atomic and Optical Physics	NAKAMURA, Nobuyuki & KATSURAGAWA,	Master and Doctor Prog.	Spring Semester		Thu.	3			2	Cb
S	25432101	専門科目Ⅱ	環境材料科学特論	Major Subjects Ⅱ	Advanced Environmental Materials Science	FURUKAWA, Rei	Master and Doctor Prog.	Spring Semester		Wed.	2			2	Aa
S	25431116	専門科目Ⅰ	光化学	Major Subjects I	Fundamentals of Photochemistry	HIRANO, Takashi	Master Prog.	Spring Semester		Fri.	1			2	Cb
S	25431112	専門科目Ⅰ	生体情報学基礎	Major Subjects I	Fundamentals of Information Biology	MATSUDA, Shinji	Master Prog.	Spring Semester		Fri.	3			2	Cb
S	25431118	専門科目Ⅰ	固体量子工学	Major Subjects I	Fundamentals of Solid State Electronics	FUSEYA, Yuki	Master Prog.	Spring Semester		Fri.	3			2	Bb
S	25431105	専門科目Ⅰ	基盤理工学専攻基礎	Major Subjects I	Fundamental of Engineering Science	MIYASHITA, Naoya & ZHANG Yun & MORISHITA Toru & HIRATA Ssuzo	Master Prog.	Spring Semester		Fri.	4			2	Cb
S	25431110	専門科目Ⅰ	固体物性論基礎	Major Subjects I	Fundamentals of Solid State Physics	KOKUBO, Nobuhito & MURANAKA, Takahiro	Master Prog.	Spring Semester						2	Ca
S	25431119	専門科目Ⅰ	生物有機化学	Major Subjects I	Bio-organic chemistry	TAKI, Masumi	Master Prog.	Spring Semester						2	Cb
S	25432113	専門科目Ⅱ	物理工学特論	Major Subjects Ⅱ	Advanced Engineering Physics	MIYAMOTO, Yuki	Master and Doctor Prog.	Spring Semester						2	Cb
S	25432128	専門科目Ⅱ	化学生命工学特論	Major Subjects Ⅱ	Selected Topics in Chemistry and Biotechnology	TAMADA, Taro & ARAI, Satoshi	Master and Doctor Prog.	Spring Semester						2	Cb
S	25432141	専門科目Ⅱ	オープンラボワークⅠ挑戦	Major Subjects Ⅱ	Open Lab work I - Challenge	YONEDA, Hitoki	Master Prog.	Spring Semester						4	Bb
S	25432142	専門科目Ⅱ	オープンラボワークⅡ開拓	Major Subjects Ⅱ	Open Lab work II - Cultivation	YONEDA, Hitoki	Master Prog.	Spring Semester						4	Bb
S	25432143	専門科目Ⅱ	オープンラボワークⅢ融合	Major Subjects Ⅱ	Open Lab work III - Integration	YONEDA, Hitoki	Master and Doctor Prog.	Spring Semester						4	Bb
S	25432144	専門科目Ⅱ	オープンラボワークⅣ革新	Major Subjects Ⅱ	Open Lab work IV - Innovation	YONEDA, Hitoki	Master and Doctor Prog.	Spring Semester						4	Bb
S	25431217	専門科目Ⅰ	応用電磁気学	Major Subjects I	Fundamentals of Electromagnetic Theory	NAKAGAWA, Ken'ichi & SHIRAKAWA, Akira	Master Prog.	Fall Semester		Mon.	2			2	Cb
S	25432224	専門科目Ⅱ	X線結晶学特論	Major Subjects Ⅱ	Advanced X-Ray Crystallography	YASUI, Masanori	Master and Doctor Prog.	Fall Semester		Mon.	3			2	Ca
S	25432206	専門科目Ⅱ	計算物理学特論	Major Subjects Ⅱ	Computational Solid State Physics	OHFUTI, Yasushi	Master and Doctor Prog.	Fall Semester		Mon.	4			2	Ba
S	25432207	専門科目Ⅱ	集積回路設計学特論	Major Subjects Ⅱ	Advanced Integrated Circuit Design	PHAM Cong-kha	Master and Doctor Prog.	Fall Semester		Mon.	5			2	Bb
S	25432230	専門科目Ⅱ	物理化学特論	Major Subjects Ⅱ	Advanced Analytical Chemistry	YAMAKITA, Yoshihiro	Master and Doctor Prog.	Fall Semester		Tue.	1			2	Bb
S	25432211	専門科目Ⅱ	情報光学特論	Major Subjects Ⅱ	Advanced Information Optics and Photonics	MUSHA, Mitsuru	Master and Doctor Prog.	Fall Semester		Tue.	2			2	Ca
S	25432231	専門科目Ⅱ	ゲノム生物学特論	Major Subjects Ⅱ	Advanced Genome Biology	SAMPEI, Gen-ichi	Master and Doctor Prog.	Fall Semester		Tue.	2			2	Cb

S	25431214	専門科目Ⅰ	量子エネルギー科学	Major SubjectsⅠ	Quantum Energy Science	KOBAYASHI, Yoshio	Master Prog.	Fall Semester		Tue.	3			2	Ca
S	25432215	専門科目Ⅱ	量子情報光学特論	Major SubjectsⅡ	Quantum Information Optics	MIYAMOTO, YOKO & SHIMIZU, Ryouzuke	Master and Doctor Prog.	Fall Semester		Tue.	3			2	Ba
S	25431220	専門科目Ⅰ	生体機能システム学基礎	Major SubjectsⅠ	Basic human physiology	KANO, Yutaka & HOSHINO, Daisuke	Master Prog.	Fall Semester		Tue.	4			2	Cb
S	25432218	専門科目Ⅱ	ナノトライボロジー特論	Major SubjectsⅡ	Advanced Nanotribology	SASAKI, Naruo	Master and Doctor Prog.	Fall Semester		Tue.	4			2	Cb
S	25432229	専門科目Ⅱ	無機物質化学特論	Major SubjectsⅡ	Advanced Inorganic Materials Chemistry	KAKO, Masahiro	Master and Doctor Prog.	Fall Semester		Wed.	2			2	Cb
S	25431206	専門科目Ⅰ	先端半導体デバイス基礎	Major SubjectsⅠ	Fundamentals of Modern Semiconductor Devices	ISSHIKI, Hideo	Master Prog.	Fall Semester		Wed.	45			2	Bb
S	25432205	専門科目Ⅱ	超伝導デバイス特論	Major SubjectsⅡ	Advanced Superconducting Electronic Devices	SHIMADA, Hiroshi	Master and Doctor Prog.	Fall Semester		Thu.	1			2	Bb
S	25432219	専門科目Ⅱ	統計物理学特論	Major SubjectsⅡ	Advanced Statistical Physics	OZEKI, Yukiyasu	Master and Doctor Prog.	Fall Semester		Thu.	2			2	Cb
S	25332202	専門科目Ⅱ	生体計測工学特論	Major SubjectsⅡ	Advanced Bioinstrumentation Engineering	KOIKE, Takuzi & MASAMOTO, Kazuto	Master and Doctor Prog.	Fall Semester		Thu.	5			2	Cb
S	25431221	専門科目Ⅰ	実践的先進機器分析	Major SubjectsⅠ	Practical advanced instrumental analysis	ISHIDA, Takayuki & HIRANO, Takashi & YASUI, Masanori & KUWAHARA, Daisuke & SHIRAKAWA, Hideki & NAKAMURA, Jin & SHIMADA, Hiroshi	Master Prog.	Fall Semester		Thu.	45			2	Bb
S	25432222	専門科目Ⅱ	凝縮体量子工学特論	Major SubjectsⅡ	Selected Topics on Quantum Degenerate Svstems	SAITO, Hiroki & KISHIMOTO, Tetsuo	Master and Doctor Prog.	Fall Semester		Fri.	2			2	Aa
S	25432225	専門科目Ⅱ	固体物性化学特論	Major SubjectsⅡ	Advanced Solid State Chemistry	ISHIDA, Takayuki & HIRATA, Shuzo	Master and Doctor Prog.	Fall Semester		Fri.	2			2	Aa
S	25432208	専門科目Ⅱ	光通信デバイス特論	Major SubjectsⅡ	Design Techniques of Opto-electronic Devices	UENO, Yoshiyasu	Master and Doctor Prog.	Fall Semester		Fri.	3			2	Cb
S	25232208	専門科目Ⅱ	光通信システム特論	Major SubjectsⅡ	Advanced Optical Communication System	KISHI, Naoto	Master and Doctor Prog.	Fall Semester		Fri.	4			2	Bb
S	25432223	専門科目Ⅱ	電子物性特論	Major SubjectsⅡ	Advanced Lectures on Electronic Properties in Solids	NAKAMURA, Jin & MATSUBAYASHI, Kazuyuki	Master and Doctor Prog.	Fall Semester		Fri.	4			2	Cb
J, I, M, S	25010209	基礎教育科目	現代社会と倫理	Graduate School Fundamental Subjects	The modern society and ethics	MASUYAMA, Hiroto	Master and Doctor Prog.	Spring Semester		Wed.	5			2	Bb
J, I, M, S	25023217	実践教育科目	SDGsを支える情報通信論	Graduate School Practical Subjects	Information and Communications Technologies for SDGs	MATSUURA, Motoharu & TAKAHASHI, Hiroki	Master and Doctor Prog.	Spring Semester		Fri.	5			2	Ba
J, I, M, S	25023111	実践教育科目	オープンイノベーションスクールⅠ	Graduate School Practical Subjects	Open Innovation SchoolⅠ	YONEDA, Hitoki	Master Prog.	Spring Semester						1	Bb
J, I, M, S	25023112	実践教育科目	オープンイノベーションスクールⅡ	Graduate School Practical Subjects	Open Innovation SchoolⅡ	YONEDA, Hitoki	Master Prog.	Spring Semester						1	Bb
J, I, M, S	26023101	実践教育科目	オープンイノベーションスクールⅢ	Graduate School Practical Subjects	Open Innovation SchoolⅢ	YONEDA, Hitoki	Doctor Prog.	Spring Semester						1	Bb
J, I, M, S	26023102	実践教育科目	オープンイノベーションスクールⅣ	Graduate School Practical Subjects	Open Innovation SchoolⅣ	YONEDA, Hitoki	Doctor Prog.	Spring Semester						1	Bb
J, I, M, S	26023103	実践教育科目	オープンイノベーションスクールⅤ	Graduate School Practical Subjects	Open Innovation SchoolⅤ	YONEDA, Hitoki	Doctor Prog.	Spring Semester						1	Bb
J, I, M, S	25010104	基礎教育科目	代数学基礎論	Graduate School Fundamental Subjects	Fundamentals of Algebra	OHNO, Masahiro	Master Prog.	Spring Semester		Wed.	1			2	Bc
J, I, M, S	25010106	基礎教育科目	国際社会の政治・経済	Graduate School Fundamental Subjects	Politics and Economics of International Society	MIYACHI, Takahiro	Master and Doctor Prog.	Fall Semester		Tue.	5			2	Cb
J, I, M, S	25010208	基礎教育科目	科学技術の歴史	Graduate School Fundamental Subjects	History of Science	SATO, Ken'ichi	Master and Doctor Prog.	Fall Semester		Wed.	1			2	Cb
J, I, M, S	25010211	基礎教育科目	幾何学特論	Graduate School Fundamental Subjects	Advanced Topics of Geometry	MARUGAME, Taiji	Master and Doctor Prog.	Fall Semester		Fri.	5			2	Cb
J, I, M, S	25023203	実践教育科目	先端技術開発特論	Graduate School Practical Subjects	Advanced Engineering Development	SHIMADA, Hiroshi	Master and Doctor Prog.	Fall Semester		Wed.	5			2	Cb

英語で行う大学院講義の分類表改訂版

		説 明 言 語		
		A:英語のみ	日本語	
			B:英語と日本語を併用する	C:日本語のみ
資 料 言 語	a:英語のみ	Aa :英語で説明し、 英語の教材・資料を使う。	Ba :英語と日本語を併用して説明し、 英語の教材・資料を使う。	Ca :日本語で説明し、 英語の教材・資料を使う。
	b:英語と日本語を 併用する	Ab :英語で説明し、 英語の教材・資料と日本語の教材・資料を併用する。	Bb :英語と日本語を併用して説明し、 英語の教材・資料と日本語の教材・資料を併用する。	Cb :日本語で説明し、 英語の教材・資料と日本語の教材・資料を併用する。
	c:日本語のみ	Ac :英語で説明し、 日本語の教材・資料を使う。	Bc :英語と日本語を併用して説明し、 日本語の教材・資料を使う。	Cc :日本語で説明し、 日本語の教材・資料を使う。

※教材・資料には、板書を含む。

○英語で行う講義タイプ

緑：日本語のみでの大学院講義の理解が難しい留学生、または、英語のみで講義を理解する英語能力がある日本人学生に向けた講義

橙：英語のみでの大学院講義の理解は難しい日本人学生に対し、専門用語等の理解を中心に、英語力向上に資することも目的とした講義

黄：英語で行う講義には含まない。