

(理工情報生命学術院 システム情報工学研究群 博士前期課程)  
Degree Programs in Systems and Information Engineering, Graduate School of Science and Technology (Master's Programs)

汎用コンピテンンス  
Generic Competence

専門コンピテンンス  
Specific Competences

Table with columns: 科目区分 (Course Category), 科目番号 (Course Number), 授業科目の名称 (Course Name), 標準履修年次 (Standard Registration Year), 単位数 (Credits), 授業形態 (Course Methods), 1, 2, 3, 4, 5 (Generic Competence), 1, 2, 3 (Specific Competence), 合計 (Total).



科目区分 Course Category	科目番号 Course Number	授業科目の名称 Course Name	標準履修 年次 Standard registrat ion year	単位数 Credits			授業形態 Course Methods			1 知の 活用力 Knowledge application competence	2 マネジメ ント能 力 Management competence	3 コミュニ ケー ション 能力 Communication competence	4 チーム ワーク 力 Teamwork competence	5 国際性 International competence	1 研究力 Research ability	2 専門知識 Specialized knowledge	3 倫理観 Ethical view	合計 Total		
				必修 Required	選択 Core Elect ives	自由 Free Elect ives	講義 Lectu res	演習 Class Exerc ises	実験 実習 Pract ical train ing											
知能機能システム関連科目 Intelligent and Mechanical Interaction Systems Associated Courses	専門基礎科目 Foundation Subjects for Major	OALD510	情報理工前期特別研究IIs	Research in Computer Science IIs	2		3			○	40	35	35	35	35	40	40	40	300	
		OALD511	情報理工前期特別研究IIIf	Research in Computer Science IIIf	2		3			○	40	35	35	35	35	40	40	40	300	
		OALE000	知能機能システムコアスタディ	Fundamentals of Intelligent and Mechanical Interaction Systems	1	1		○				10	10				50		30	100
		OALE001	知能機能システム数学基礎	Fundamentals of Mathematics in Intelligent and Mechanical Interaction Systems	1	2		○									50	150		200
		OALE002	知能システム理論基礎	Fundamental Theory of Intelligent Interaction Systems	1	2		○									50	150		200
		OALE003	機能システム数理基礎	Fundamental Mathematical System of Mechanical Interaction Systems	1	2		○									50	150		200
		OALE004	知能機能システムデータ解析演習	Statistical Data Analysis for Intelligent and Mechanical Interaction Systems	1	1			○								100			100
		OALE005	知能システムツール演習a	Tools and Practices for Intelligent Interaction Systems A	1	1			○								50	50		100
		OALE006	知能システムツール演習b	Tools and Practices for Intelligent Interaction Systems B	1	2			○								200			200
		OALE007	機能システムツール演習	Tools and Practices for Mechanical Interaction Systems	1-2	3			○								250	50		300
		OALE008	知能機能システムTOEIC演習I	TOEIC Exercise in Intelligent and Mechanical Interaction Systems I	1	2			○							100	100			200
		OALE009	知能機能システムTOEIC演習II	TOEIC Exercise in Intelligent and Mechanical Interaction Systems II	2	2			○							100	100			200
	専門科目 Major Subjects	OALE500	知能機能システム特別研究I	Research in Intelligent and Mechanical Interaction Systems I	1	4			○	30	20	30	30	30	30	130	100	30	400	
		OALE501	知能機能システム特別研究II	Research in Intelligent and Mechanical Interaction Systems II	2	4			○	30	20	30	30	30	30	130	100	30	400	
		OALE502	知能機能システムセミナーI	Seminar in Intelligent and Mechanical Interaction Systems I	1	2			○	30	30	45	30			35	30		200	
		OALE503	知能機能システムセミナーII	Seminar in Intelligent and Mechanical Interaction Systems II	2	2			○	30	30	45	30			35	30		200	
		OALE504	知能機能システム研究発表演習Ia	Oral Presentation Workshop in Intelligent and Mechanical Interaction Systems Ia	1	1			○			20				40	40		100	
		OALE505	知能機能システム研究発表演習Ib	Oral Presentation Workshop in Intelligent and Mechanical Interaction Systems Ib	1	1			○			20			40	40			100	
		OALE506	知能機能システム研究発表演習IIa	Oral Presentation Workshop in Intelligent and Mechanical Interaction Systems IIa	2	1			○			20			40	40			100	
		OALE507	知能機能システム研究発表演習IIb	Oral Presentation Workshop in Intelligent and Mechanical Interaction Systems IIb	2	1			○			20			40	40			100	
		OALE508	知能機能システム計画書作成演習I	Research Proposal Writing Workshop in Intelligent and Mechanical Interaction Systems I	1	1			○		10					90			100	
		OALE509	知能機能システム計画書作成演習II	Research Proposal Writing Workshop in Intelligent and Mechanical Interaction Systems II	2	1			○		10					90			100	
		OALE510	知能機能システム論文投稿演習	Research Paper Writing Workshop in Intelligent and Mechanical Interaction Systems	1-2	1			○							40	40	20	100	
		OALE511	知能機能システムラボラトリー演習Ia	Collaboratory Research Workshop in Intelligent and Mechanical Interaction Systems Ia	1	1			○	20	10		10			30	30		100	
		OALE512	知能機能システムラボラトリー演習Ib	Collaboratory Research Workshop in Intelligent and Mechanical Interaction Systems Ib	1	1			○	20	10		20			20	30		100	
		OALE513	知能機能システムラボラトリー演習IIa	Collaboratory Research Workshop in Intelligent and Mechanical Interaction Systems IIa	2	1			○	20	10		10			30	30		100	
		OALE514	知能機能システムラボラトリー演習IIb	Collaboratory Research Workshop in Intelligent and Mechanical Interaction Systems IIb	2	1			○	20	10		20			20	30		100	
		OALE515	知能システム特別実験a	Laboratory Work in Intelligent Interaction Systems A	1	1			○				20			80			100	
		OALE516	知能システム特別実験b	Laboratory Work in Intelligent Interaction Systems B	1	1			○		30		20			50			100	
		OALE517	機能システム特別実験	Laboratory Work in Mechanical Interaction Systems	1-2	1			○		30		20			50			100	
		構造エネルギー工学関連科目 Engineering Mechanics and Energy Associated Courses	専門基礎科目 Foundation Subjects for Major	OALF000	インターンシップ	Internship	1-2	1			○	5	5	15	15			60		100
			専門科目 Major Subjects	OALF500	構造エネルギー工学前期特別演習I	Seminar in Engineering Mechanics and Energy I	1	2			○	10	10	30	40	10	100			200
	OALF501			構造エネルギー工学前期特別演習II	Seminar in Engineering Mechanics and Energy II	2	2			○	10	10	30	40	10	100			200	
OALF502	構造エネルギー工学前期特別研究I			Research in Engineering Mechanics and Energy I	1	4			○	20	20	70	60	30	200			400		
OALF503	構造エネルギー工学前期特別研究II			Research in Engineering Mechanics and Energy II	2	4			○	20	20	70	60	30	200			400		
OALF504	構造エネルギー工学前期特別演習Ia			Seminar in Engineering Mechanics and Energy Ia	1	1			○	5	5	15	20	5	50			100		
OALF505	構造エネルギー工学前期特別演習Ib			Seminar in Engineering Mechanics and Energy Ib	1	1			○	5	5	15	20	5	50			100		
OALF506	構造エネルギー工学前期特別演習IIa			Seminar in Engineering Mechanics and Energy IIa	2	1			○	5	5	15	20	5	50			100		
OALF507	構造エネルギー工学前期特別演習IIb			Seminar in Engineering Mechanics and Energy IIb	2	1			○	5	5	15	20	5	50			100		
OALF508	構造エネルギー工学前期特別研究Ia			Research in Engineering Mechanics and Energy Ia	1	2			○	10	10	35	30	15	100			200		
OALF509	構造エネルギー工学前期特別研究Ib			Research in Engineering Mechanics and Energy Ib	1	2			○	10	10	35	30	15	100			200		
OALF510	構造エネルギー工学前期特別研究IIa			Research in Engineering Mechanics and Energy IIa	2	2			○	10	10	35	30	15	100			200		
OALF511	構造エネルギー工学前期特別研究IIb			Research in Engineering Mechanics and Energy IIb	2	2			○	10	10	35	30	15	100			200		