専門科目 Major Subjects

	電子情報工学科
	Electronics & Information Engineering

	授　業　科　目 Subjects		単位数 Number of Credits	学年別配当 Distribution by Years				
				1 1st	2 2nd	3 3rd	4 4th	5 5th
必修科目 Required Subjects	応　用　数　学　A	Applied Mathematics A	1				1	
	応　用　数　学　B	Applied Mathematics B	2				2	
	確　率・統　計　I	Probability & Statistics I	1				1	
	確　率・統　計　II	Probability & Statistics II	1					1
	数　学　基　礎　演　習	Basic Exercise in Mathematics	1				1	
	数　学　応　用　演　習 *1	Advanced Exercise in Mathematics						
	応　用　物　理　I *1	Applied Physics I	2				2	
	応　用　物　理　II	Applied Physics II	1					1
	電子情報工学基礎I	Introduction to Electronics & Information Engineering I	2	2				
	電子情報工学基礎II	Introduction to Electronics & Information Engineering II	2		2			
	回　路　基　礎	Basic Electric Circuits	2		2			
	ディジタル回路	Digital Circuits	1		1			
	電　気　回　路　I	Circuit Theory I	2			2		
	電　気　回　路　II	Circuit Theory II	1				1	
	電　子　回　路　I	Electronic Circuit Analysis I	2			2		
	電　子　回　路　II	Electronic Circuit Analysis II	1					1
	電　磁　気　学　I	Electromagnetics I	2			2		
	電　磁　気　学　II	Electromagnetics II	2				2	
	電　子　デ　バ　イ　ス	Electron Devices	2				2	
	コンピュータアーキテクチャ	Computer Architecture	2			2		
	オペレーティングシステム	Operating System	1				1	
	デ　ー　タ　ベ　ー　ス	Database	1			1		
	情　報　基　礎	Basic Information	2	2				
	プログラミング基礎I	Basic Programming I	2	2				
	プログラミング基礎II	Basic Programming II	2		2			
	アルゴリズムとデータ構造	Algorithm & Data Structure	2			2		
	ハードウェア設計工学	Hardware Design Engineering	2			2		
	プログラミング応用演習	Programming Application Exercise	1			1		
	ソフトウェア工学	Software Engineering	2					2
	コ　ン　パ　イ　ラ	Compiler	1				1	
	情　報　数　学	Information Mathematics	1				1	
	Ｖ　Ｌ　Ｓ　Ｉ　工　学	VLSI Engineering	1					1
	情　報　理　論	Information Theory	2				2	
	ディジタル信号処理	Digital Signal Processing	2					2
	制　御　工　学	Control Theory	2					2
	情　報　通　信　I	Communication Engineering I	1			1		
	情　報　通　信　II	Communication Engineering II	2				2	
	情　報　通　信　III	Communication Engineering III	1					1
	情　報　セ　キ　ュ　リ　テ　ィ	Information Security	1					1
	電子情報工学総合演習	Comprehensive Exercise of Electronics & Information System	2				2	
	システム設計演習	Practice in Design of Electronics & Information System	2				2	
	電子情報工学実験I	Electronics & Information Engineering Laboratory I	2	2				
	電子情報工学実験II	Electronics & Information Engineering Laboratory II	2		2			
	電子情報工学実験III	Electronics & Information Engineering Laboratory III	2			2		
	電子情報工学実験IV	Electronics & Information Engineering Laboratory IV	4				4	
	電子情報工学実験V	Electronics & Information Engineering Laboratory V	1					1
	卒　業　研　究	Graduation Thesis	10					10
	専門必修科目開講単位合計	Total of Offered Credits of Major Subjects	84	8	9	17	27	23

*1 数学基礎演習及び数学応用演習は，いずれか一方のみ受講可能
*1 Only as for either, "Basic Exercises in Mathematics" and "Advanced Exercises in Mathematics" can be taken.

選択科目 Elective Subjects

	授　業　科　目 Subjects		単位数 Number of Credits	学年別配当 Distribution by Years				
				1 1st	2 2nd	3 3rd	4 4th	5 5th
選択科目 Elective Subjects	第　2　外　国　語	Second Foreign Language	2					2
	実　践　英　語　○	Practical English	2					2
	システム数理工学　○	Systems Mathematical Engineering	2					2
	人　工　知　能　○	Artificial Intelligence	2					2
	画　像　情　報　処　理　○	Image Processing	2					2
	ロ　ボ　ッ　ト　工　学　○	Robotics	2					2
	シ　ー　ケ　ン　ス　制　御　○	Sequential Control	2					2
	選択科目開講単位合計	Total of Offered Credits of Elective Subjects	14					14
一般必修科目単位合計	Total of Required Credits of General Subjects		77	26	25	17	7	2
専門必修科目単位合計	Total of Required Credits of Major Subjects		84	8	9	17	27	23
選択科目最低修得単位合計	Total of Required Credits of Elective Subjects		6					6
修　得　単　位　合　計	Total of Required Credits		167	34	34	34	34	31

○の科目は学修単位
○ :Equivalent to university credits