

Doctoral course											
Subject Type	Subject Name	Diploma Policy					Curriculum Policy				
		DP1	DP2	DP3	DP4	DP5	CP1	CP2	CP3	CP4	CP5
		[Diploma Policy] DP1. To acquire sophisticated expertise and skills to understand the broad theory and structures of advanced science and technology fields (information science and engineering, biological science, material science and engineering, and their interdisciplinary fields) from a holistic and comprehensive point of view to challenge solving difficult problems. DP2. To acquire the skills and the spirit of challenge to actively and independently promote the identification and resolution of problems in a specific field, as well as to lead new interdisciplinary research and development in other fields. DP3. To acquire sophisticated global communication skills and a holistic perspective , and the ability to exercise international leadership in a global environment in advanced science and technology field research and development. DP4. To acquire high ethical and scientific perspectives in research and development in advanced science and technology fields. DP5. The doctoral thesis written produces particularly excellent research results that contribute to advanced science and technology academically or in application.					[Curriculum Policy] CP1. Subjects teaching state-of-the-art expertise in information science, biological science, materials science, and their interdisciplinary fields. CP2. Subjects to foster the ability to actively envision relationships with society , including broad perspectives based on interdisciplinary knowledge, comprehensive understanding , and career planning. CP3. Subjects to develop the ability to actively and independently plan and execute research projects, to solve problems, and pursue the boundaries of science and technology . CP4. Subjects focused on the acquisition of the presentation and communication skills necessary for successful international activity . The learning outcomes of each of these subjects shall be evaluated based on the results of written tests, reports, exercises, experiments, practical work, etc. CP5. Importance is placed on active engagement in sophisticated research tasks that contribute to advanced science and technology academically or in application to write a doctoral thesis through seminars and research guidance . Through this, the acquisition of the ability to actively and independently identify and resolve problems in a specific field are achieved and the spirit of challenge, well-roundedness, interdisciplinary understanding, and ethicality that will globally contribute to leading next generation advanced science and technology are fostered. Learning outcomes are evaluated by three or more supervising professors				
Subjects for research skills	英語上級A Advanced English A			○						○	
	英語上級B Advanced English B			○						○	
	英語上級C Advanced English C			○						○	
	英語上級D Advanced English D			○						○	
	英語上級E Advanced English E			○						○	
	海外英語研修Ⅰ Overseas English TrainingⅠ			○						○	
	海外英語研修Ⅱ Overseas English TrainingⅡ			○						○	
	海外英語研修Ⅲ Overseas English TrainingⅢ			○						○	
	国際研修Ⅰ International TrainingⅠ		○	○					○	○	
	国際研修Ⅱ International TrainingⅡ		○	○					○	○	
	国際研修Ⅲ International TrainingⅢ		○	○					○	○	
	研究留学Ⅰ Study AbroadⅠ		○	○					○	○	
	研究留学Ⅱ Study AbroadⅡ		○	○					○	○	
	研究留学Ⅲ Study AbroadⅢ		○	○					○	○	
	国際ワークショップ企画演習 Seminar for International Workshop Planning		○	○					○	○	
	プロジェクトマネジメントⅠ Project ManagementⅠ	○	○					○	○		
	プロジェクトマネジメントⅡ Project ManagementⅡ	○	○					○	○		
	プロジェクトマネジメントⅢ Project ManagementⅢ	○	○					○	○		
	情報理工学特別講義 Special Lectures in Information Science and Engineering	○						○			
	情報生命科学特別講義 Special Lectures in Computational Biology	○						○			
	バイオサイエンス特別講義 Special Lectures in Biological Science	○						○			
	バイオナノ理工学特別講義 Special Lectures in Bionanotechnology	○						○			
	物質理工学特別講義 Special Lectures in Materials Science and Engineering	○						○			
	知能社会創成科学特別講義 Special Lectures in Intelligent Cyber-Physical Systems	○						○			
	データサイエンス特別講義 Special Lectures in Data Science	○						○			
	イノベーションマネジメントA Innovation Management A				○				○		
イノベーションマネジメントB Innovation Management B			○					○			
キャリアマネジメントA Career Management A			○					○			
キャリアマネジメントB Career Management B			○					○			
Subjects for independent research abilities	先進ゼミナール Research Status Hearing	○	○				○	○		○	○
	博士論文研究Ⅰ Doctoral ResearchⅠ	○	○				○	○		○	○
	博士論文研究Ⅱ Doctoral ResearchⅡ	○	○				○	○		○	○
	博士論文研究Ⅲ Doctoral ResearchⅢ	○	○				○	○		○	○
	博士論文研究Ⅳ Doctoral ResearchⅣ	○	○				○	○		○	○
	博士論文研究Ⅴ Doctoral ResearchⅤ	○	○				○	○		○	○
	博士論文研究Ⅵ Doctoral ResearchⅥ	○	○				○	○		○	○

Number of credits required for completion