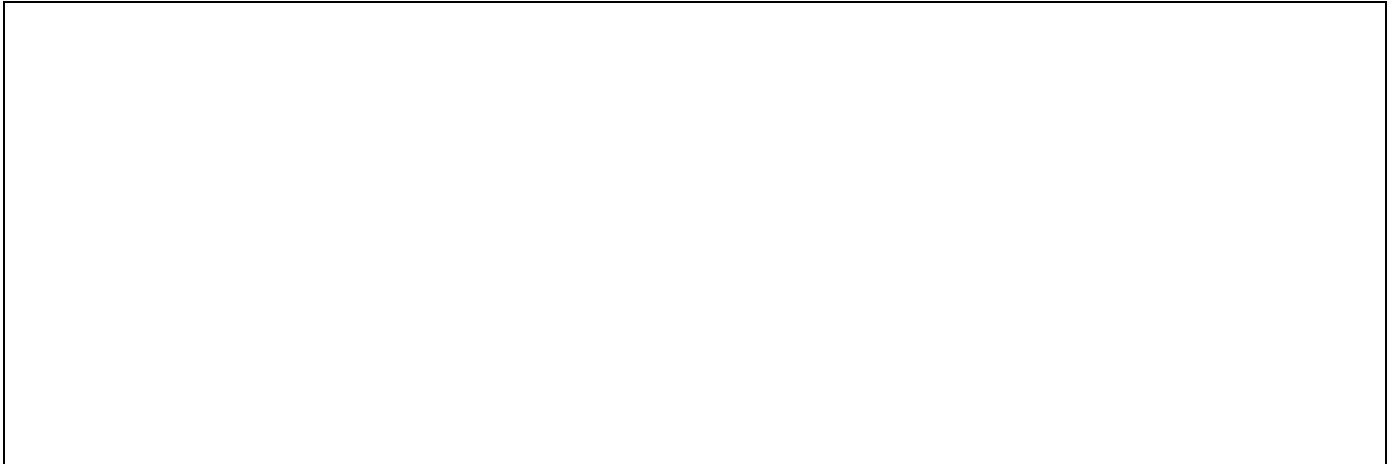


Specifications for Major Program



Start of the Program

R

Position

Time and method of assignment

Method of assignment

Guidance on preparing a graduation thesis

(5) Read an English book in turn with other students and exchange opinions, and introduce the abstract of

Responsibility system

Reviewing Committee (hereinafter, "Program Reviewing

Program Reviewing Committee establishes a loop of improvement in the PDCA cycle

with each other, with the Chair of the Educational Program Reviewing Committee as

Criteria for Program assessment

Implementing the assessment

The Program Reviewing Committee plays a leading role in assessing and improving the Program.

explained below. The Program Reviewing Committee examines the validity of the Program's learning &

three programs. Requests for checks and improvements to these shared subjects, when deemed necessary, will be proposed to the Cluster 3 Curriculum Reviewing Committee, and will

Specialized Subject Group Liaison Conference will be proposed to the Program Reviewing Committee. The Program Reviewing Committee, based on these improvement plans, wi

Idea and method of feedback to students

--

Required subject (period of registration specified)
Compulsory elective subject (any of these subjects shall be registered)
Free elective subject (any of these subjects shall be registered)

				1T	2T	3T	4T	1T	2T	3T	4T	1T	2T	3T	4T	1T	2T	3T	4T
2		2	Compulsory elective																
2	Introduction to University Education	2	Required																
2	Introductory Seminar for First-Year Students	2	Required																
0		1	Free elective																
4	Courses in Arts and Humanities/Social Sc	2																	
4	Courses in Natural Sciences	2																	
	Basic English Usage I	1																	
	Basic English Usage II	1																	
	Communication IA	1																	
	Communication IB	1																	
	Communication IIA	1																	
	Communication IIB	1																	
	1 subjects from Basic language I	1																	
	1 subjects from Basic language II	1																	
2	Introduction to Information and Data Sciences	2	Required						©										
2		1or2	Compulsory elective																
	Calculus I	2																	
	Calculus II	2																	

in Physics I

Physics II

[illegible]

Required subjects
Compulsory Elective subjects

		1T	2T	3T	4T	1T	2T	3T	4T	1T	2T	3T	4T	1T	2T	3T	4T
Inorganic Chemistry	2										4						
Advanced Organic Chemistry I	2						4										
Exercises in Organic Chemistry	1															4	
Exercises in Physical Chemistry	1															4	
Advanced Organic Chemistry II	2							4									
Physical Chemistry II	2						4										
Chemical Experiments I	4									12	12						
Chemical Experiments II	4												12	12			
Advanced Organic Chemistry III	2								4								
Quantum Chemistry I	2							4									
Quantum Chemistry II	2								4								
Advanced Organic Chemistry IV	2												4				
Materials Analysis	2												4				
Chemical Kinetics	2										4						
Organometallic Chemistry	2									4							
Organic Structural Analysis	2							4									
Catalysis Chemistry	2												4				
Synthetic Polymer Chemistry	2												4				
Computational Chemistry	2										4						

Academic Achievements in Applied Chemistry

The Relationship between Evaluation Items and Evaluation Criteria

	Excellent	Very Good	Good
(1) Wide range of basic knowledge on liberal arts and specialized education, and professional basic knowledge on chemistry.	Acquiring the wide range of basic knowledge on liberal arts and specialized education, and professional basic knowledge on chemistry, and being able to explain them.	Acquiring the wide range of basic knowledge on liberal arts and specialized education, and professional basic knowledge on chemistry.	Acquiring the outline of wide range of basic knowledge on liberal arts and specialized education, and professional basic knowledge on chemistry.
(2) Advanced technical knowledge of applied chemistry.	Acquiring the advanced technical knowledge of applied		

Curriculum Map of Applied Chemistry

[illegible]