

# **Graduation Requirements**

## **Chemistry Program**

### **(Graduate School of Science)**

#### **1. Specialized Courses:**

A combined total of at least 30 specialized course credits must be acquired.

##### **(1) Compulsory Courses: (C)**

A total of 20 course credits must be acquired from the Compulsory Courses in Specialized Courses.

##### **(2) Compulsory Elective Courses: (A)**

At least 4 course credits must be acquired from Core Inorganic Chemistry, Core Organic Chemistry, Core Physical Chemistry, and Core Biochemistry.

##### **(3) Elective Courses: (B)**

At least 6 course credits must be acquired from Elective/Open Courses. However, if students earn more than 4 Compulsory Elective Courses (A), these extra credits can be used as credits of Elective Courses (B).

#### **2. Master's Thesis:**

Passing the examination of the master's thesis must be acquired.

# Course List

## Chemistry Program

### (Graduate School of Science)

Course Category			Offered Course	Credits			
				No	Compulsory	Compulsory Elective	Elective
Specialized Courses	Basic Specialized Courses	Compulsory Elective Courses (A)	Core Inorganic Chemistry	2		2	
			Core Organic Chemistry	2		2	
			Core Physical Chemistry	2		2	
			Core Biochemistry	2		2	
	Specialized Courses	Compulsory Courses (C)	Colloquium 1	5	5		
			Colloquium 2	5	5		
			Colloquium 3	5	5		
			Colloquium 4	5	5		
		Elective Courses (B)	Advanced Inorganic Chemistry	2			2
			Advanced Organic Chemistry	2			2
			Advanced Physical Chemistry	2			2
			Advanced Quantum Chemistry	2			2
			Advanced Polymer Chemistry	2			2
			Current Studies in Chemistry 1	2			2
			Current Studies in Chemistry 2	2			2
			Current Studies in Chemistry 3	2			2
			Lectures and Studies of Chemistry 1	1			1
			Lectures and Studies of Chemistry 2	1			1
			Lectures and Studies of Chemistry 3	1			1
			Lectures and Studies of Chemistry 4	1			1
Lectures and Studies of Chemistry 5	1	1					
Lectures and Studies of Chemistry 6	1	1					
Lectures and Studies of Chemistry 7	1	1					
Lectures and Studies of Chemistry 8	1	1					
Lectures and Studies of Chemistry 9	1	1					
Lectures and Studies of Chemistry 10	1	1					
Topics in International Chemistry 1	1	1					
Topics in International Chemistry 2	1	1					