Graduation Requirements

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 and Graduation Requirements

Oct. 1. 2026

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

2025-2027 Offered Courses (by Semester)

Type	Course Title	Instructor	Course Format	Credits	26/Fall	27/Spring	27/Fall	28/Spring	Day & Period	Class Room	Note
A	Core Inorganic Chemistry	Osami SHOJI	Team-taught	2	✓		✓		Thurs. 1st	C-219	G30/April enrollment combined course.
	Core Organic Chemistry	Jiyoung SHIN	Regular	2				✓	Tue. 5th	TBA	
	Core Physical Chemistry	PHUNG Quan manh	Regular	2	✓				Wed.1st	B-216	
	Core Biochemistry	Shigeki KIYONAKA	Team-taught	2		✓			Thurs. 1st	TBA	
B	Advanced Inorganic Chemistry	Minoru OSADA	Team-taught	2		✓			Tue. 2nd	TBA	
	Advanced Organic Chemistry	Kei MUTO	Team-taught	2		✓		✓	Tue. 1st	141(4F), Bldg. 1, Engr.	UG / MC combined course.
	Advanced Physical Chemistry	Yoko SAKATA	Team-taught	2	✓				Thurs.2nd	First day of lecture Eng. Bldg 1, 227	
	Advanced Quantum Chemistry	Kazuhiro FUJIMOTO	Regular	2		✓		✓	Mon.2nd	A408	G30/April enrollment combined course.
	Advanced Polymer Chemistry	Masami KAMIGAITO	Team-taught	2			✓		Thurs. 2nd	Engr.Bldg 1, 144	UG / MC combined course.
C	Colloquium 1			5	✓					Lab.	Students enrolled in 2026
	Colloquium 2			5		✓				Lab.	Students enrolled in 2026
	Colloquium 3			5			✓			Lab.	Students enrolled in 2025
	Colloquium 4			5				✓		Lab.	Students enrolled in 2025

Class rooms for Spring 2027 and after are subject to change.

Information about the lectures you have registered for may be notified from the **TACT**(Tokai Academic Combination Tools) lecture site.

Offered Courses(by Course Type)

Type	Course Title	Instructor	Course Format	Credits	
A	Core Inorganic Chemistry	Osami SHOJI	Team-taught	2	
	Core Organic Chemistry	Jiyoung SHIN	Regular	2	
	Core Physical Chemistry	PHUNG Quan manh	Regular	2	
	Core Biochemistry	Shigeki KIYONAKA	Team-taught	2	
B	Advanced Inorganic Chemistry	Minoru OSADA	Team-taught	2	
	Advanced Organic Chemistry	Kei MUTO	Team-taught	2	
	Advanced Physical Chemistry	Yoko SAKATA	Team-taught	2	
	Advanced Quantum Chemistry	Kazuhiro FUJIMOTO	Regular	2	
	Advanced Polymer Chemistry	Masami KAMIGAITO	Regular	2	
	Current Studies in Chemistry 1			2	
	Current Studies in Chemistry 2			2	
	Current Studies in Chemistry 3			2	
	Lectures and Studies of Chemistry 1			1	Intensive Course given in Japanese
	Lectures and Studies of Chemistry 2			1	Intensive Course given in Japanese
	Lectures and Studies of Chemistry 3			1	Intensive Course given in Japanese
	Lectures and Studies of Chemistry 4			1	Intensive Course given in Japanese
	Lectures and Studies of Chemistry 5			1	Intensive Course given in Japanese
	Lectures and Studies of Chemistry 6			1	Intensive Course given in Japanese
	Lectures and Studies of Chemistry 7			1	Intensive Course given in Japanese
	Lectures and Studies of Chemistry 8			1	Intensive Course given in Japanese
	Lectures and Studies of Chemistry 9			1	This course is not offerd
	Lectures and Studies of Chemistry 10			1	This course is not offerd
	Topics in International Chemistry 1			1	This course is not offerd
	Topics in International Chemistry 2			1	This course is not offerd
C	Colloquium 1			5	
	Colloquium 2			5	
	Colloquium 3			5	
	Colloquium 4			5	