

Year	First semester 2025
Course	Inorganic Chemistry
Day/Period	Wed.4Period
Credit(s)	2Credits
Instructor	SHINICHI MORITA
Eligible Participants	Not specified (For all grades)
Course code/number	
Main Subjects	
Course of Media Class	
Practical business	
Language Used in Course	English
Course Title	Inorganic Chemistry
Purpose/Abstract	To learn fundamentals in chemistry especially for inorganic chemistry, physical chemistry, and analytical chemistry.
Goal	(i) To understand daily life phenomena using chemistry through the group discussions that will be held in the class. (ii) To learn fundamentals of numerical calculations essential in chemistry.
Contents and progress schedule of the class	Students are going to learn the following subjects. 1. Life phenomena and chemistry. 2. Optical measurements and vibration spectroscopy. 3. Least squares. 4. Fourier transform. 5. Principal component analysis.
Grading	Evaluation is mainly based on class attendance and submitted reports.
Books required/referenced	No need
Contents of preparation and review	Students are required to read books and literatures related to the lecture topics.
Study time for preparation and review	Several hours per week
How to contact and Google Classroom Code	shinichi.morita.c6@tohoku.ac.jp Class Code: VJ231F76
Remarks	Place: Aobayama, Science Complex A If students enrolled are less than 5, the class will not be held.
Last Update	

One-credit courses require 45 hours of study. In lecture and exercise-based classes, one credit consists of 15-30 hours of class time and 30-15 hours of preparation and review outside of class. In laboratory, practical skill classes, one credit consists of 30-45 hours of class time and 15-0 hours of preparation and review outside of class.