

科目名 Course Title	
Inorganic Chemistry I	
学科・専攻 Department/Program	受講年次 Grade
G30 Chemistry	2nd
授業形態 Class style	必修・選択の別 Compulsory or Elective
Lecture	* See "Remarks"
時間割コード Registration code	開講期・曜日・時限 Semester, Day & Period
681110	Spring semester Tue: 1
単位数 Credit	科目区分 Course type
2	BasicSpecializedCourses
担当教員 Instructor	SAMJESKE Gabor
所属研究室 Laboratory	
連絡先 Contact	
居室 Room	

講義の目的とねらい Course purpose	
Inorganic chemistry I is the first part of a three-semester course in inorganic chemistry consisting of parts I, II, and III. Aim of the three-semester course is to present principles and fundamentals of inorganic chemistry, to introduce chemical reactions and to show examples of the role of inorganic chemistry in the industry, environment and every day lives.	
履修要件 Prerequisite	
Fundamentals of Chemistry I and II	
履修取下げについて Course withdrawal	
exam (intermediate exam), which will take place after lecture 6. Exceptions for later withdrawal can only be granted i	
成績評価 Grading	
Activity (homework, quizzes, attendance): 10%	
Intermediate and final exam: 90% (30% intermediate, 60% final exam, comprehensive)	
TOTAL 100% = 100 pts	
Grades: "S" = 100 - 90% (> 90 pts), "A" = 89 - 80% (9 - 80 pts), "B" = 79 - 70% (79 - 70 pts), "C" = 69 - 60% (69 - 60 pts), "F" = 59 - 0% (< 60 pts)	
不可(F)と欠席の基準 Criteria for "Absent" & "Fail" grades	
The course will be graded "F" (failed) if less than 60% of the points were obtained. The course will be graded as "a	
関連する科目 Related courses	
Fundamentals of Chemistry I and II, Analytical Chemistry	
教室 Class Room	
A-407	

授業内容 Content
The contents of inorganic chemistry I will cover the topics of the structure of the atom, orbitals, periodic system of the elements, bonding models, MO theory, symmetry, acids and bases, solid structures.

教科書 Textbook
Catherine E. Housecroft, Alan G. Sharpe; INORGANIC CHEMISTRY, 5TH EDITION; PEARSON - PRENTICE HALL
参考書 Recommended reading
連絡方法 Contact method
Either after the classes or during the office hours/by email (to be announced)
その他 Remarks
See Course List and Graduation Requirements for your program for your enrollment year.