

Module Handbook

Module Name:	Advanced topics in Inorganic Chemistry
Module Level:	Bachelor
Abbreviation, if applicable:	KST 408
Sub-heading, if applicable:	-
Courses included in the module, if applicable:	-
Semester/term:	7 TH / Fourth Year
Module coordinator(s):	Harsasi Setyawati, M.Si
Lecturer(s):	Ahmadi Jaya Permana, M.Si
Language:	Indonesian Language
Classification within the curriculum	Compulsory Course / Elective Studies
Teaching format / class hours per week during semester:	2 hours lectures (50 min / hour)
Workload:	2 hours lectures, 2 hours structured activities, 2 hours individual study, 13 week per semester, and total 78 hours per semester ~ 2.6 ECTS *
Credit Points:	2
Requirements:	Inorganic Chemistry II (KII 202)
Learning goals/competencies:	<p>General Competence (knowledge): The students are able to explain about science development in chemistry</p> <p>Specific Competence :</p> <ol style="list-style-type: none"> 1. Being able to decipher the synthesis of inorganic materials 2. Able to explain the development of the field of complex compounds, photocatalyst, aluminosilicate material, bone and tooth material, the material self cleaning.
Content:	Special topics in the field of inorganic chemistry is based on the development of cutting edge science
Attribut soft skill	Communication skill and team-work
Study/exam achievements:	<p>Students are considered to be competent and pass if at least get 55</p> <p>The final value is calculated as follows: Middle Semester Exam (UTS) = 35% Final Examination Semester (UAS) = 35% Structured work = 20%; Softskill = 10%</p> <p>Table Value Graduation A: 100> NA≥75 AB: 74.9> NA≥70 B: 69.9> NA≥65 BC: 64.9> NA≥60 C: 59.9> NA≥55 D: 54.9> NA≥40 E: 39,9≥NA</p>
Forms of Media:	Slides and LCD projectors, whiteboards, Internet
Learning Methods	Lecture, Discussion, Journal assessment with specific topics using English, Group presentation

Literature:	Journal Inorganic Chemistry
Notes:	*Total ECTS = {(total hours workload x 50 min) / 60 min } / 25 hours Each ECTS is equals with 25 hours