



KEMENTERIAN PENDIDIKAN, KEBUDAYAAN,  
RISET, DAN TEKNOLOGI  
UNIVERSITAS NEGERI YOGYAKARTA  
**FAKULTAS MATEMATIKA DAN ILMU PENGETAHUAN ALAM**  
Kampus Karangmalang Yogyakarta 55281  
Telepon (0274) 565411 Pesawat 217, (0274) 565411 (TU), fax. (0274) 548203  
Laman : fmipa.uny.ac.id, E-mail : Surel\_fmipa@uny.ac.id

KEPUTUSAN DEKAN FAKULTAS MATEMATIKA DAN ILMU PENGETAHUAN ALAM  
Nomor : B/123/UN.34.13/HK.03/2022

TENTANG  
**TUGAS MENGAJAR DAN MENGUJI DOSEN**  
SEMESTER GASAL TAHUN AKADEMIK 2022/2023

DEKAN FAKULTAS MATEMATIKA DAN ILMU PENGETAHUAN ALAM

- Menimbang : bahwa untuk pelaksanaan tugas pendidikan dan pengajaran pada semester Gasal tahun Akademik 2022/2023, perlu menetapkan Keputusan Dekan tentang **Tugas Mengajar dan Menguji Dosen Mata Kuliah** semester Gasal tahun Akademik 2022/2023;
- Mengingat :
1. Undang-undang nomor 12 tahun 2012 tentang Pendidikan Tinggi (Lembaran Negara Republik Indonesia Tahun 2012 Nomor 158, Tambahan Lembaran Negara Republik Indonesia Nomor 5336);
  2. Peraturan Pemerintah Nomor 4 Tahun 2014 tentang Penyelenggaraan Pendidikan Tinggi dan Pengelolaan Perguruan Tinggi (Lembaran Negara Republik Indonesia Tahun 2014 Nomor 16, Tambahan Lembaran Negara Republik Indonesia Nomor 5500);
  3. Peraturan Menteri Riset, Teknologi, dan Pendidikan Tinggi Nomor 35 Tahun 2017 tentang Statuta Universitas Negeri Yogyakarta;
  4. Peraturan Menristek Dikti Nomor 2 Tahun 2019 tentang OTK Universitas Negeri Yogyakarta;
  5. Keputusan Rektor Universitas Negeri Yogyakarta Nomor 1 Tahun 2019 tentang Peraturan Akademik Universitas Negeri Yogyakarta;
  6. Keputusan Menteri Pendidikan dan Kebudayaan Republik Indonesia Nomor 5723/MPK/RHS/KP/2021 tentang Pengangkatan Rektor Universitas Negeri Yogyakarta Periode Tahun 2021-2025 ;
  7. Keputusan Rektor Universitas Negeri Yogyakarta Nomor 1.27/UN34/IX/2019 tentang Pemberhentian dan Pengangkatan Dekan Fakultas di Universitas Negeri Yogyakarta;
  8. SK Rektor Nomor 2.7/UN34/VIII/2020 Tanggal 7 Agustus 2020 tentang Pemindahan Program Magister dan Doktor Bidang Ilmu Monodisipliner dari Pascasarjana ke Jurusan ke Fakultas Tahap Pertama;

M E M U T U S K A N :

Menetapkan : KEPUTUSAN DEKAN TENTANG TUGAS MENGAJAR DAN MENGUJI DOSEN SEMESTER GASAL TAHUN AKADEMIK 2022/2023

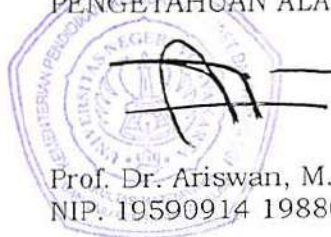
KESATU : Dosen yang namanya sebagaimana dimaksud dalam Lampiran merupakan dosen tetap Fakultas Matematika dan Ilmu Pengetahuan Alam Universitas Negeri Yogyakarta yang disertai Tugas Mengajar dan Menguji pada Semester Gasal tahun Akademik 2022/2023;

- KEDUA : Dosen yang namanya tersebut sebagaimana dimaksud dalam diktum kesatu mengampu dan menguji mata kuliah program studi masing-masing sebagaimana dimaksud dalam Lampiran;
- KETIGA : Biaya yang diperlukan dengan adanya keputusan ini dibebankan pada anggaran DIPA – BLU Fakultas Matematika dan Ilmu Pengetahuan Alam Tahun 2022;
- KEEMPAT : Keputusan ini berlaku pada tanggal 29 Agustus 2022 sampai dengan 31 Januari 2023

TEMBUSAN Keputusan Dekan ini disampaikan kepada :

1. Rektor UNY;
2. Kepala Biro UNY;
3. Para Wakil Dekan Di FMIPA UNY;
4. Para Koorprodi di FMIPA UNY
5. Koordinator Administrasi di FMIPA
6. Sekretaris Administrasi di FMIPA UNY;
7. Bendahara Gaji FMIPA UNY;
8. Kepala KPKN di Yogyakarta;
9. Yang bersangkutan untuk diketahui dan dilaksanakan;

Ditetapkan di Yogyakarta  
Pada tanggal, 29 Agustus 2022  
DEKAN FAKULTAS MATEMATIKA DAN ILMU  
PENGETAHUAN ALAM



Prof. Dr. Ariswan, M.Si  
NIP. 19590914 198803 1 003<sub>y</sub>

Lampiran SK Dekan FMIPA UNY

Nomor : B/123/UN34.13/HK.03/2022

Tanggal : 29 Agustus 2022

DAFTAR TUGAS MENGAJAR DAN MENGUJI DOSEN  
FAKULTAS MATEMATIKA DAN ILMU PENGETAHUAN ALAM - UNIVERSITAS NEGERI YOGYAKARTA  
SEMESTER GASAL TAHUN AKADEMIK 2022/2023

Nama : Prof. Dr. Hari Sutrisno, M.Si.  
NIP : 196704071992031002  
Pangkat : Pembina Utama Madya  
Golongan : IV/d  
Jabatan : Guru Besar  
NPWP : 25.301.586.1-542.000

No	Kode MK	Mata Kuliah	SKS Matakuliah	Sem	Prodi	Rombel	Jenis	SKS Rombel	Beban Mengajar	Jumlah Peserta	Keterangan	
1	KIM6223	Kristalokimia	2	5	KIMIA - S1	F	Teori	2	2,00	30		
2	KIM6223	Kristalokimia	2	5	KIMIA - S1	E	Teori	2	2,00	35		
3	KIM6223	Kristalokimia	2	5	KIMIA - S1	B	Teori	2	2,00	35		
4	MPK8206	Kimia Struktur Anorganik	2	1	PENDIDIKAN KIMIA - S2	Pend. Kimia B	Teori	2	2,00	23		
5	MPK8206	Kimia Struktur Anorganik	2	1	PENDIDIKAN KIMIA - S2	Pend. Kimia A	Teori	2	2,00	20		
6	MPK8218	Topik Spesial dalam Ilmu Kimia	2	1	PENDIDIKAN KIMIA - S2	Pend. Kimia S2 Pilihan	Teori	2	1,00	7	TIM	
7	FM18303	Metodologi Penelitian Pendidikan	3	1	PENDIDIKAN KIMIA - S2	Pend. Kimia A	Teori	3	1,50	19	TIM	
8	MPK9210	Penulisan Proposal Disertasi	2	3	PENDIDIKAN KIMIA - S3	KIMIA S3 (Pend. Kimia)	Teori	2	1,00	1	TIM	
									<b>Jumlah Beban Mengajar</b>	<b>13,50 SKS</b>		





UNIVERSITAS NEGERI YOGYAKARTA  
**FAKULTAS MATEMATIKA DAN ILMU  
 PENGETAHUAN ALAM**

**DAFTAR HADIR KULIAH  
 SEMESTER TAHUN AJARAN 2022/2023**

Program Studi : PENDIDIKAN KIMIA - S2  
 Kelas : Pend. Kimia B  
 Jumlah Peserta : 23

Nama Dosen : Prof. Dr. Hari Sutrisno, M.Si.  
 Mata Kuliah : MPK8206 - Kimia Struktur Anorganik

No.	No. Mhs.	Nama Mahasiswa	Tanggal																Ket.
			30/08	06/09	13/09	20/09	27/09	04/10	11/10	18/10	25/10	01/11	08/11	15/11	22/11	29/11	06/12	13/12	
1	21328251029	Akrima	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	
2	22328251010	Tsamara Salsabila	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	
3	22328251020	Faiz Ilham Pratama	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	
4	22328251021	Rizka Fitriani	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	
5	22328251022	Iga Indah Pertiwi	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	
6	22328251023	Bowo	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	
7	22328251024	Muhammad Iqbal Fajri	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	
8	22328251025	Aqilaton Ni'mah	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	
9	22328251026	Erica Anna Pratiwi	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	
10	22328251027	Ayar Sakinah	H	H	H	H	H	H	H	H	H	TH	H	H	H	H	H	H	
11	22328251028	Shofrina Surya Dewi	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	
12	22328251029	Zukhro Tata Manna Mahmubah Harahap	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	
13	22328251030	Syafira Putri Anggraeni	H	H	H	TH	H	H	H	H	H	H	H	H	H	H	H	H	
14	22328251031	Nur Fauziah	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	
15	22328251032	Hasrilia Beskara	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	
16	22328251033	Nur Huda	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	
17	22328254002	Winda Putri Permata Sari	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	
18	22328254003	Aruna Akbar Zhafransyah	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	
19	22328254004	Nur Inayah Amaliyah	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	
20	22328254005	Annisa Mamluaturrahmatika	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	
<b>Jumlah Mahasiswa yang hadir</b>			<b>23</b>	<b>23</b>	<b>23</b>	<b>21</b>	<b>23</b>	<b>23</b>	<b>23</b>	<b>23</b>	<b>23</b>	<b>22</b>	<b>23</b>	<b>23</b>	<b>23</b>	<b>23</b>	<b>23</b>	<b>23</b>	
<b>Tanda tangan (paraf) dosen pengajar</b>																			



UNIVERSITAS NEGERI YOGYAKARTA  
**FAKULTAS MATEMATIKA DAN ILMU  
 PENGETAHUAN ALAM**

**DAFTAR HADIR KULIAH  
 SEMESTER TAHUN AJARAN 2022/2023**

Program Studi : PENDIDIKAN KIMIA - S2  
 Kelas : Pend. Kimia B  
 Jumlah Peserta : 23

Nama Dosen : Prof. Dr. Hari Sutrisno, M.Si.  
 Mata Kuliah : MPK8206 - Kimia Struktur Anorganik

No.	No. Mhs.	Nama Mahasiswa	Tanggal																Ket.
			30/08	06/09	13/09	20/09	27/09	04/10	11/10	18/10	25/10	01/11	08/11	15/11	22/11	29/11	06/12	13/12	
21	22328254006	Nurhaliza Adisha	H	H	H	S	H	H	H	H	H	H	H	H	H	H	H	H	
22	22328254007	Robiatul Adauyah	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	
23	22328254008	Yuli Nestiyarum	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	
<b>Jumlah Mahasiswa yang hadir</b>			<b>23</b>	<b>23</b>	<b>23</b>	<b>21</b>	<b>23</b>	<b>23</b>	<b>23</b>	<b>23</b>	<b>23</b>	<b>23</b>	<b>22</b>	<b>23</b>	<b>23</b>	<b>23</b>	<b>23</b>	<b>23</b>	
<b>Tanda tangan (paraf) dosen pengajar</b>																			



UNIVERSITAS NEGERI YOGYAKARTA  
**FAKULTAS MATEMATIKA DAN ILMU  
 PENGETAHUAN ALAM**

**MONITORING KEGIATAN MENGAJAR DOSEN  
 SEMESTER TAHUN AJARAN 2022/2023  
 FAKULTAS MATEMATIKA DAN ILMU PENGETAHUAN ALAM UNY**

Program Studi : PENDIDIKAN KIMIA - S2  
 Kelas : Pend. Kimia B  
 Nama Dosen : Prof. Dr. Hari Sutrisno, M.Si.  
 Mata Kuliah : MPK8206 - Kimia Struktur Anorganik

No.	Pertemuan Ke	Hari/Tanggal	Materi Yang diajarkan	Jam		Jml Mhsw	Paraf Dosen	Paraf Mhsw	Keterangan
				Masuk	Keluar				
1	1	Selasa, 30 Agustus 2022	Pendahuluan	11:10:00	12:50:00	23			
2	2	Selasa, 6 September 2022	Teori Lewis dan Teori VSEPR	11:10:00	12:50:00	23			
3	3	Selasa, 13 September 2022	Lanjutan Teori VSEPR	11:10:00	12:50:00	23			
4	4	Selasa, 20 September 2022	Unsur dan Operasi Simetri	11:10:00	12:50:00	21			
5	5	Selasa, 27 September 2022	Simetri dan Grup Kristal	11:10:00	12:50:00	23			
6	6	Selasa, 4 Oktober 2022	Grup Kristalin	11:10:00	12:50:00	23			
7	7	Selasa, 11 Oktober 2022	Grup Ruang	11:10:00	12:50:00	23			
8	8	Selasa, 18 Oktober 2022	UTS	11:10:00	12:50:00	23			
9	9	Selasa, 25 Oktober 2022	Unis Sel dan Kristal 3 Dimensi	11:10:00	12:50:00	23			
10	10	Selasa, 1 Nopember 2022	Kristal Sederhana	11:10:00	12:50:00	23			
11	11	Selasa, 8 Nopember 2022	Sinar-X	11:10:00	12:50:00	22			
12	12	Selasa, 15 Nopember 2022	Analisis XRD -Analitik	11:10:00	12:50:00	23			
13	13	Selasa, 22 Nopember 2022	Analisis XRD Tria & error	11:10:00	12:50:00	23			
14	14	Selasa, 29 Nopember 2022	Analisis XRD-Grafik	11:10:00	12:50:00	23			
15	15	Selasa, 6 Desember 2022	Penentuan dan Penggambaran Struktur Krisstal	11:10:00	12:50:00	23			
16	16	Selasa, 13 Desember 2022	UAS	11:10:00	12:50:00	23			

Yogyakarta, .....

Mengetahui,  
 Ketua Jurusan

(.....)

**FORM PENILAIAN**  
**KELAS Reguler**  
**SEMESTER Genap TAHUN 2022**

**PROGRAM STUDI** : PENDIDIKAN KIMIA - S2  
**PENGAMPU** : Prof. Dr. Hari Sutrisno M.Si.  
**JUMLAH PESERTA** : 23  
**KELAS** : S2\_B

NO	NIM	NAMA	NILAI [HURUF]
1	21328251029	Akrima	B
2	22328251010	Tsamara Salsabila	B+
3	22328251020	Faiz Ilham Pratama	B+
4	22328251021	Rizka Fitriani	B
5	22328251022	Iga Indah Pertiwi	B+
6	22328251023	Bowo	B+
7	22328251024	Muhammad Iqbal Fajri	B
8	22328251025	Aqilatun Ni'mah	B
9	22328251026	Erica Anna Pratiwi	B+
10	22328251027	Ayar Sakinah	B
11	22328251028	Shofrina Surya Dewi	B
12	22328251029	Zukhro Tata Manna Mahmubah Harahap	B
13	22328251030	SYAFIRA PUTRI ANGGRAENI	B
14	22328251031	Nur Fauziah	B
15	22328251032	Hasrilia Beskara	B+
16	22328251033	Nur Huda	B
17	22328254002	Winda Putri Permata Sari	B
18	22328254003	Aruna Akbar Zhafransyah	B+
19	22328254004	Nur Inayah Amaliyah	B+
20	22328254005	Annisa Mamluaturrahmatika	B+
21	22328254006	Nurhaliza Adisha	B+
22	22328254007	Robiatul Adauyah	B
23	22328254008	Yuli Nestiyarum	B+

Rekap Nilai : A = ..... , B = ..... , C = ..... , D = ..... , E/K = .....

Yogyakarta , .....

Dosen/Koord. Team Penguji :

(.....)





**MINISTRY OF RESEARCH, TECHNOLOGY, AND HIGHER EDUCATION**  
**UNIVERSITAS NEGERI YOGYAKARTA**  
 FACULTY MATHEMATICS AND NATURALE SCIENCE  
 MASTER OF EDUCATION IN CHEMISTRY  
**Colombo Street, No. 1, Karangmalang Campus, Yogyakarta 55281**  
 Tel. +62274-550836 (front office), Fax. +62274-520326  
 Email: [pps@uny.ac.id](mailto:pps@uny.ac.id), [humas\\_pps@uny.ac.id](mailto:humas_pps@uny.ac.id)

**MODUL HANDBOOK**

COURSE	CODE	COURSE GROUP	CREDIT UNIT	SEM.	DEVELOPMENT DATE
Inorganic Structural Chemistry	MPK8206	Master of Education in Chemistry	2	1	Jan 2, 2019
Authorization	<b>Course Lecturer</b> Prof. Dr. Hari Sutrisno, M.Si.			<b>Head of Study Program</b> Prof. Dr. Hari Sutrisno, M.Si.	
<b>Programme Learning Outcomes (PLO) – Study Program</b>					
<b>Learning Outcomes</b>	<b>Attitude and Value</b>	PLO1. Enabling to cooperate and having good morals, ethics and personality in completing their duties, social sensitivity and high concern for the community and its environment. PLO2. Respect to the diversity of cultures, views, beliefs, and religions as well as other people's original opinions/ findings and love the country and support world peace as citizens PLO3. Upholding the rule of law and having the spirit to prioritize the interests of the nation and the wider community. PLO4. Enabling to internalize the entrepreneurial spirit, academic values and norms that are properly related to honesty, ethics, attribution, copyright, confidentiality and ownership of data			
	<b>Work Ability</b>	PLO5. Implementing and developing knowledge and technology in the field of chemistry education through reasoning and scientific research based on logical, critical, systematic, and creative thinking. PLO6. Developing chemistry education through scientific research, or producing scientific works along with study concepts based on scientific rules arranged in the form of a thesis. PLO7. Publishing the results of research in the field of chemistry education in scientific journals nationally and internationally accredited. PLO8. Increasing the capacity of independent learning. PLO9. Having structured learning skills for self-development, science, and career sustainability. PLO10. Enabling to think critically, make informed decisions, and communicate effectively, academically, and ethically.			

	<b>Knowledge Assignment</b>	<p>PLO11. Documenting, storing, auditing, securing, and rediscovering research data for further research purposes.</p> <p>PLO12. Identifying the scientific field of the research object and positioning it into a research map.</p> <p>PLO13. Carrying out chemistry education research based on research maps, with an inter- or multi- disciplinary approach, independently or in collaboration with other institutions.</p>
	<b>Authority and Responsibility</b>	<p>PLO14. Developing and maintaining networks with colleagues, including in the broader research institutions and communities.</p> <p>PLO15. Arranging and communicating ideas and arguments that can be scientifically accountable and academic ethics, through various forms of media to the community, especially the academic community.</p>
	<b>Course Outcomes</b>	
<b>Course Outcomes</b>	CO1	Demonstrate an awareness of responsible and ethical conducts as well integrity in the context of their profession and obligations to society
	CO2	Demonstrate knowledge of advanced theories and methods of chemistry
	CO3	Demonstrate proficiency in analyzing, applying, and solving engineering problems using the acquired chemical methods.
	CO4	Demonstrate the problem-solving ability in understand, extract and analyze engineering problems and reorganize the knowledge in chemistry forms for specific purposes
	CO5	Ability to convey ideas on chemistry knowledge clearly and effectively in both written and spoken forms. In addition, ability to work collaboratively as part of a team undertaking a range of different team roles
	CO6	Demonstrate the awareness of contemporary issues in Inorganic chemistry and the ability to respond the Challenges
	CO7	Ability to pursue independent study and demonstrate the awareness for lifelong learning and professional development
<b>Short Description of Course</b>	<p>Inorganic Structurale Chemistry courses are courses for students of Master of Education in Chemistry with descriptions including: chemical structure description, symmetry and molecular groups, chemical bonds and lattice energy, molecular structures 1 (compounds of the main group elements) and 2 (transition metal compounds), crystal gratings, symmetry and groups crystals, X-ray diffraction instruments and determination of simple crystal structures. This course aims to enable students to understand the structure and grid contained in molecular compounds 1 and 2.</p>	

<b>Learning Materials / Subjects</b>	Subjects include: <ol style="list-style-type: none"> <li>1. Description of chemical structure</li> <li>2. Theory of repulsion of valence electron pairs</li> <li>3. Symmetry and molecular groups</li> <li>4. Chemical bonds and lattice energy</li> <li>5. Symmetry and crystal groups</li> <li>6. Molecular structure 1: compounds of the main group elements</li> <li>7. Molecular structure 2: transition metal compounds</li> <li>8. Structure of nonmetal elements</li> <li>9. X-ray diffractometer</li> <li>10. Determination of simple crystal structure</li> </ol>	
<b>References</b>	<b>Primary</b>	
	<p>Atkins, P., Overton, T., Rourke, J., Weller, M. &amp; Armstrong, F. (2010). <i>Shriver and Atkins' Inorganic Chemistry, 5th Edition</i> Great Britain : Oxford University Press</p> <p>Huheey, J. E., Keiter, E. A. &amp; Keiter, R. L. (1993). <i>Inorganic Chemistry: Principle of Structure and Reactivity</i>. New York : Harper Collins College Publisher.</p> <p>Li, W. K., Cheung, Y. S., Mak, K. K. W. &amp; Mak, T. C. W. (2013). <i>Problems In Structural Inorganic Chemistry</i>. Hong Kong: Oxford Press</p> <p>Li, W. K., Zhou, G. D. &amp; Wai Mak, T. C. (2008). <i>Advanced Structural Inorganic Chemistry</i>. New York: Oxford Science Publication</p> <p>Miessler, G. L. &amp; Tarr, D. A. (2009). <i>Inorganic Chemistry, third edition</i>. New Delhi: Pearson Education</p> <p>Muller, U., (2006). <i>Inorganic Structural Chemistry, second edition</i>. West Sussex: John Wiley &amp; Sons Ltd</p> <p>Pfennig, B.W. (2015). <i>Principles of inorganic chemistry</i>. New Jersey: John Wiley &amp; Sons, Inc.</p> <p>Strohfeltd, K. (2015). <i>Essentials of Inorganic Chemistry</i>. John Wiley &amp; Sons</p>	
	<b>Support</b>	
	<p>S1. West, A. R. (2014). <i>Solid State Chemistry and Its Applications. second edition</i>. Singapore: John Wiley &amp; Sons Ltd.</p> <p>S2. Journal Inorganic Chemistry</p>	
<b>Instructional Media</b>	<b>Software</b> File dan Powerpoint	<b>Hardware</b> Laptop, Board and stationery Projector
<b>Team-Teaching</b>	<ul style="list-style-type: none"> <li>- Prof. Dr. Hari Sutrisno</li> <li>- Dr. Dyah Purwaningsih</li> </ul>	
<b>Prerequisite Course</b>	-	

## ASSESSMENT WEIGHT

No	Course Outcomes	Object of assessment	Valuation Techniques	Quality
1	CO 3	The independent task of writing and / or listening skills	Assignment	15%
2	CO 5 dan 7	Structured tasks are reading and / or writing skills	Assignment	15%
3	CO 3, 4	Speaking ability and presentation skills journal analysis (Skills)	Speaking ability	10%
4	CO 1 dan 2	Attitude and Value	Observation of Attitude	10%
5	CO 3, 5 dan 6	Midterm Exam	Written Test	25%
6	CO 3; 6; dan 7	Final Exam	Written Test	25%
<b>Total</b>				<b>100%</b>

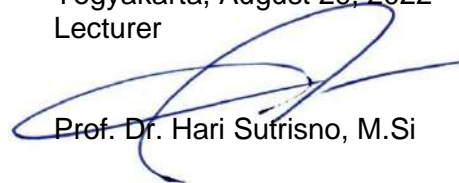
## PLO AND CO MAPPING

		Learning Outcomes (PLO)														
		Attitude and Value				Work Ability						Knowledge Assignment			Authority and Responsibility	
		PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9	PLO10	PLO11	PLO12	PLO13	PLO14	PLO15
<b>Course : KIM8207 - Inorganic Sructural Chemistry</b>																
<b>Course Outcomes</b>	CO1	√		√	√											
	CO2					√	√									
	CO3		√							√						
	CO4				√						√			√		
	CO5		√					√			√		√			
	CO6							√			√		√			
	CO7											√				√

Head of Study Program

Prof. Dr. Eli Roaheti, M.Si

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