UNIVERSITAS PENDIDIKAN INDONESIA
FACULTY OF MATHEMATICS AND NATURAL SCIENCES EDUCATION
DEPARTMENT OF CHEMISTRY EDUCATION
Jalan Setiabudi 229 Bandung 40154
Tel: (022) 2000579 Fax. (022) 2000579
Website: kimia.upi.edu, E-mail: jp_pend_kimia@upi.edu

Study Plan

Bachelor of Chemistry Education

1st Year			
Semester 1		Semester 2	
Code	Course	Code	Course
KU10x	Religion education	KU110	Pancasila Education
KU105	Civic Education	KU1XX	Sports/Arts Education
KU106	Indonesian Languange	DK 300	Fundamentals of Education
DK301	Psychology of Education and Counselling	KI304	Gas, Thermodynamics and Phase Equilibrium
MA100	STEM	MA200	STEM Application
KI100	Mathematics for Chemistry	KI102	Fundamentals of Chemistry 2
KI200	English	KI203	Fundamental Chemistry Experiments
KI101	Fundamentals of Chemistry 1	KI303	Chemical Bonding and Structure
KI202	Basic Laboratory Skills		
2nd Year			
Semester 3		Semester 4	
KI326	Chemistry Learning Strategy	DK 303	Curriculum and Learning
KI328	Chemistry Learning Media and ICT Literation	DK 304	Education Management
KI309	Chemical Kinetics	KI201	Entrepreneurship
KI305	Fundamentals of Analytical Chemistry	KI310	Separation Chemistry
KI406	Fundamental Analytical Chemistry Experiment	KI314	Thermodynamics of Multi-components System
KI306	Structure and Reactivity of Monofunctional Organic Compounds	KI407	Identification and Purification of Organic Compounds Experiments
KI307	Structure and Reactivity of Inorganic Compounds	KI312	Chemistry of Transition and Main Groups Elements
		KI405	Physical Chemistry Experiments
3rd Year			
Semester 5		Semester 6	
KU30x	Religion education seminar	KU400	Community Service
KI327	Chemistry Learning Evaluation	KI329	Chemistry Learning Planning
KI503	Instrumental Analytical Chemistry	KI336	Statistics for Chemistry Education Research
KI410	Chemical Separation and Measurement Experiments	KI411	Synthesis and Isolation of Organic Compounds Experiments
KI311	Structure and Reactivity of Polyfunctional Organic Compounds	KI308	Structure and Function of Biomolecule
KI316	Coordination Chemistry	KI408	Inorganic Chemistry Experiments
KI302	School Chemistry 2	KI401	Multimedia Programming
KI402	School Chemistry Experiment	KI***	Elective course
4th Year			
Semester 7		Semester 8	

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KI338	Chemistry Education Research Methodology	KI590	Working Practice Interval (Internship)
KI313	Biomolecule Metabolism and Genetic Information	KI598	Thesis
KI409	Biochemistry Experiments	KI599	Defence Exam
KI501	Chemistry Learning Simulation		
KI***	Elective course		

Degree Information:

You must complete 150 credits to finish your degree consist of 134 credits of compulsory courses and 16 credits of elective courses.

Elective courses:

You must take 16 credits of elective courses which distributed to semester 5th (2 credits of School Chemistry Experiments), semester 6th (4 credits), and semester 7th (10 credits).

Religion courses:

You must take the courses only in accordance with your respective religion.

Sport and Art:

You must choose either sports education (KU108) or art education (KU119).

For further information please visit our website: https://kimia.upi.edu