Module Descriptions

A **module** is a self-contained **learning unit** within a higher education program that includes thematically related courses and is assigned a **fixed number of credits**. It follows specific **learning objectives**, includes an **assessment component**, and contributes to achieving the qualifications of a degree program. In some countries, “modules” are also named “courses”.

Please provide a module description for each module. In addition to the compulsory and elective modules, this also includes credited internships and the final thesis.

Please summarize all module descriptions in one document (Module Handbook) and create a table of contents so that the modules can be found easily.

Module designation	*Special Topic in Chemistry*
Semester(s) in which the module is taught	2st Semester
Person responsible for the module	*Prof. Dr. Suyanta, MSi*
Language	*Indonesia*
Relation to curriculum	*Compulsory ~~/ elective / specialisation~~*
Teaching methods	Discussion, Presentation, Independent Work, Seminar
Workload (incl. contact hours, self-study hours)	*(Estimated) Total workload:* *100 minutes/week for class learning* *170 minutes/week for lab work*
Credit points	*2 SKS*
Required and recommended prerequisites for joining the module	*None*
Module objectives/intended learning outcomes	*Students can demonstrate an attitude of concern for chemistry education problems and appreciate the thoughts and findings of others regarding misconceptions in chemistry learning.* *After completing this course, students will be able to:* 1. *Describe the special topic in chemistry education* 2. *Describe the special topic in Analytical Chemistry* 3. *Describe the special topic in Organoc chemistry* 4. *Describe the special topic in Inorganic chemistry* 5. *Describe the special topic in Physical Chemistry*

Content	• *Topics Special in Chemistry Education* • *Topics Special in Analytical Chemistry* • *Topics Special in Organic Chemistry* • *Topics Special in Inorganic Chemistry* • *Topics Special in Physical Chemistry*
Examination forms	Assignments, Presentation, Case Study, Proposal Seminar
Study and examination requirements	Minimum attendance: 75% of lectures and participation in seminar discussions Evaluation Components: Assessment Type — Weight (%) Quiz — 10 Assignments — 10 Midterm Exam — 15 Final Exam — 15 Case Studies — 25 Team-based Projects — 25 Total — 100
Reading list	

Prepared by	Verified by:	Authorized by:
		
Prof. Dr. Suyanta, MSi		Program Study Coordinator