Diponegoro University
Faculty of Science and Mathematics
Undergraduate Program Of Chemistry

Module designation	**Field Work Practice (PKL)**
Semester(s) in which the module is taught	6
Person responsible for the module	Dra. Sriyanti, M.Si
Language	Indonesian
Relation to curriculum	Compulsory ~~/ elective / specialisation~~
Teaching methods	Labwork
Workload (incl. contact hours, self-study hours)	Face to Face: 1 x (1 x 50 min); Self Study : 1 x (1 x 60 min); Structured tasks : 1 x (1 x 60 min)
Credit points	2
Required and recommended prerequisites for joining the module	100 credits, served odd and even semesters
Module objectives/intended learning outcomes	1. Demonstrate a responsible attitude towards work in their field of expertise independently (S9) 2. Mastering the theoretical concepts of structure, properties, changes, kinetics, and energetics of molecules and chemical systems, identification, separation, characterization, transformation, synthesis of micromolecular chemicals, and their application. (PP1) 3. Mastering the basic principles of software for analysis, synthesis, and molecular modeling in general or more specific chemical fields. (PP3) 4. Able to apply logical, critical, systematic, and innovative thinking in the development or implementation of science and technology that pays attention to and uses humanities values by their field of expertise. (KU1) 5. Able to analyze several alternative solutions in identification, analysis, isolation, transformation, and synthesis of available chemicals and present analysis conclusions for appropriate decision making. (KK3)

Content	1. Introduction 2. Get to know the world of work a. Government agencies b.Chemical Industry 3. Choosing a place a. Types of street vendors b. Knowledge of the institution/industry 4. Proposal preparation 5. Proposals 6. Tasks and data analysis 7. Preparation of Reports and Presentations a. Report Preparation b. Presentation/ Seminar
Exams and assessment formats	Presentation
Study and examination requirements	
Reading list	1. Entrepreneurship Learning Module from Dikti