

Evaluation Methods of the Learning outcome

Model Code: MUP11

Faculty: Az Zulfi College of Education

Department: Chemistry

Program: Chemistry

Learning outcome	Evaluation Method
Equipping students with a sound and comprehensive knowledge of chemistry.	Midterm and final exams
Covering the major principles and theories in the field of chemistry	Midterm and final exams and classroom work.
Covering the major principles and theories in the field of chemistry and the different teaching approaches.	Midterm and final exams
Make students discover the scientific facts and theories in the field of chemistry	Research projects and reports
Ability to discuss scientific results and share them with others	Observation during experiments
Practicing analytical and creative thinking in problem-solving and Suggesting solutions to the current problems.	Research projects and reports
Applying the acquired academic skills to professional and academic contexts.	Questionnaire to know students' satisfaction.

Ability to assume a leading role and to suggest solutions to current issues	Student's questionnaire
Taking the initiative to identify urgent problems and solve them.	Observation
Students should be responsible for their self-development and their academic performance	Number of papers and assignments submitted by students
Showing high commitment to work ethics in accordance with Islamic values	Observation
Integrating and appropriating IT in the collection, analysis and transfer of data and ideas on a regular basis.	Giving presentation and participating in discussion
Applying statistical and other mathematical methods to problem-solving in relation to chemistry.	Research paper and seminars