



USK
UNIVERSITAS
SYIAH KUALA

FACULTY OF AGRICULTURE
DEPARTMENT OF SOIL SCIENCE

UNDERGRADUATE PROGRAM

MODULE HANDBOOK

Module designation	Humanitarian Project (SSOL6031)
Semester(s) in which the module is taught	6 th Semester
Person responsible for the module	Dr. Ir. Fikrinda, M.Si
Language	Indonesian, English
Relation to curriculum	Elective module for Soil Science Department
Teaching methods	Lecture, practical, lesson, and focus groups discussion
Workload (incl. contact hours, self-study hours)	✓ 3160 minutes lesson and practical work per week
Credit points	20 SKS = 32 ECTS
Required and recommended prerequisites for joining the module	-
Module objectives/intended learning outcomes	<ul style="list-style-type: none">✓ Students can understand the fundamental concepts of humanitarian projects and their relation to soil science, including principles of sustainability, conservation, and land rehabilitation.✓ Students can analyze soil and environmental conditions at project sites, identifying key issues such as soil quality, erosion, contamination, and land degradation.✓ Students can design a humanitarian project plan based on soil science, including planning activities for soil conservation, water management, and land productivity improvement✓ Students can work collaboratively with communities and project teams.
Content	This course focuses on applying soil science knowledge to support humanitarian projects, particularly in addressing soil and environmental problems. Students will learn how to plan, implement, and evaluate practical projects that improve soil quality, conserve land, and support sustainable agriculture in communities.
Exams and assessment formats	Case method, oral presentation (dissemination), project based learning, report
Study and examination requirements	<ul style="list-style-type: none">✓ Participatory activities: 40%✓ Oral presentation and exam: 30%✓ Report: 30%
Reading list	Soil Science Department 2024. Curriculum guideline