



USK
UNIVERSITAS
SYIAH KUALA

FACULTY OF AGRICULTURE
DEPARTMENT OF SOIL SCIENCE

UNDERGRADUATE PROGRAM

MODULE HANDBOOK

Module designation	Undergraduate Thesis (SSOLPA01)
Semester(s) in which the module is taught	8 th semester
Person responsible for the module	Dr. Ir. Syakur, M.P.
Language	Indonesian, English
Relation to curriculum	Compulsory module for Soil Science Department
Teaching methods	Research, thesis, defense lecture, discussion, seminar
Workload (incl. contact hours, self-study hours)	✓ 1020 minutes of research and of independent activity
Credit points	6 SKS = 9.6 ECTS
Required and recommended prerequisites for joining the module	-
Module objectives/intended learning outcomes	<ul style="list-style-type: none">✓ Students are able to identify, plan, design, evaluate, and solve problems effectively related to soil management, land resources, and the environment.✓ Students are able to diagnose soil nutrients both visually and through laboratory analysis, and to formulate appropriate fertilizer recommendations.✓ Students are able to implement soil and water conservation technologies based on the principles of sustainable agriculture.✓ Students are able to apply geospatial technologies for land surveying, mapping, and regional development planning.
Content	This course contains scientific work based on the results of conducting research that discusses a problem or topic that is presented systematically and comprehensively equipped with literature studies and contains elements of analysis and synthesis under the guidance of a Supervisor.
Exams and assessment formats	Undergraduate thesis and thesis defense
Study and examination requirements	<ul style="list-style-type: none">✓ 10 % activity participative✓ 90% course work and study cases analysis/ seminar
Reading list	1. Panduan Penulisan Tugas Akhir Program Diploma, Sarjana, dan Magister. 2021. Fakultas Pertanian Universitas Syiah Kuala. Banda Aceh.