CURRICULUM MAP OF SOIL SCIENCE DEPARTMENT 2024-2028

SEM	8	Undergraduate Thesis
SKS	6	6

SEM	7	Community Service Program	Skill Practicum	Proposal Seminar	Elective Courses ***
SKS	14	2	3	1	8

SEM	6	Practicum of Agrotechnoprenerurship	Plant Nutrition	Geomorphology and Landscape Analysis	Practicum of Geomorphology and Landscape Analysis	Soil Biotechnology	Practicum of Soil Biotechnology	Agrohydrology	Research Methods	Elective Courses **	or	Independent Learning **
SKS	20	2	2	2	1	2	1	2	2	6		20

SEM	5	Agrotechnoprenerurship	Watershed Management	Soil and Water Pollution	Practicum of Soil and Water Pollution	Soil Survey and Land Evaluation	Practicum of Soil Survey and Land Evaluation	Management of Food Crops and Plantations	Practicum of Management of Food Crops and Plantations	Elective Courses *	or	Independent Learning *
SKS	20	2	2	2	1	2	1	2	1	7		20

SEM	4	Religion Education	Experimental Design	Practicum of Experimental Design	Soil and Water Conservation	Practicum of Soil and Water Conservation	Soil Fertility and Fertilization	Practicum of Soil Fertility and Fertilization	Geodesy and Cartography	Practicum of Geodesy and Cartography	Geography and Indonesian Soil Development	Irrigation and Drainage	Practicum of Irrigation and Drainage	Soil Management	Environmental Impact Assessment	Practicum of Environmental Impact Assessment
SKS	24	2	2	1	2	1	2	1	2	1	2	2	1	2	2	1

SEM	3	Soil Physics	Practicum of Soil Physics	Soil Chemistry	Practicum of Soil Chemistry	Soil Biology	Practicum of Soil Biology	Introduction to Plant Protection	Practicum of Introduction to Plant Protection	Geographic Information System (GIS)	Practicum of Geographic Information System (GIS)	Soil Morphology and Classification	Practicum of Soil Morphology and Classification	Geology and Mineralogy	Practicum of Geology and Mineralogy	Agribusiness Management
SKS	23	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2

SEM	2	Pancasila	Indonesian Language	Disaster Management & Environment	Character Building II	Fundamental of Soil Science	Practicum of Fundamental of Soil Science	Agroclimatology	Practicum of Agroclimatology	Introduction to Agronomy	Practicum of Introduction to Agronomy	Statistics	Remote Sensing	Practicum of Remote Sensing
SKS	20	2	2	2	non-sks	2	1	2	1	2	1	2	2	1

SEM	1	Civic Education	English	Character Building I	Introduction to Sustainable Agricultural Science	Mathematics	Physics	Practicum of Physics	Chemistry	Practicum of Chemistry	Biology	Practicum of Biology	Plant Physiology	Practicum of Plant Physiology
SKS	20	2	2	Non-SKS	2	2	2	1	2	1	2	1	2	1

CURRICULUM MAPPING		National and University Compulsory	Faculty Compulsory	General and Basic Knowledge	Department Compulsory	Department Elective	Final Project	Independent Learning
TOTAL SKS	147	14	6	23	73	21	10	

Elective Courses:

SEM 5 *			SEM 6**					SEM 7***		
Local Resources Biopesticides	Practicum of Local Resources Biopesticides	Agricultural Mechanization	Characteristics and Management of Swamp Land	Practicum of Characteristics and Management of Swamp Land	Land Reclamation and Rehabilitation	Practicum of Land Reclamation and Rehabilitation	Soil and Plant Analysis	Soil Taxonomy	Practicum of Soil Taxonomy	Applied Geographic Information System
2	1	2	2	1	2	1	2	2	1	2
Practicum of Agricultural Mechanization	Natural Resources and Environmental Economics	Extension Communication and Development	Rural Sociology	Agroecology	Soil Bioremediation	Practicum of Soil Bioremediation		Practicum of Applied Geographic Information System	Spatial Planning Application	Practicum of Spatial Planning Application
1	2	2	2	2	2	1		1	2	1

Independent Learning SEM 5*				Independent Learning SEM 6**			
Student Exchange	Internship/Job Training in Industry/Agencies	Teaching Assistance in Education Institution	Humanitarian Project	Research in Other Institution	Entrepreneurial Programme	Independent Studies/Projects	Villages Development/Thematic Community Service
20	20	20	20	20	20	20	20