DETERMINATION OF CREDITS COURSES
TECHNOLOGY OF WEED CONTROL

Course	CLO	CLO 1.1	Learning Methods	Study Materials	Study Hours		Sks/Credits
					T	P	
Technology of Weed Control	Students are able to apply weed management technology in a sustainable agricultural system that pays attention to and applies scientific concepts in order to produce solutions, ideas and designs based on the results of information and data analysis.	Students are able to explain and understand the scope of weeds	Face to Face, Structure Assignment, Independent Study	Weed scope	7	0	0,15
		Students are able to explain and understand the history, development, disadvantages and benefits of weeds	Face to Face, Structure Assignment, Independent Study	History, development, disadvantages and benefits of weeds	7	0	0,15
		Students are able to explain and understand Weed Classification	Face to Face, Structure Assignment, Independent Study	Weed classification	7	0	0,15
		Students are able to explain and understand weed biology regarding the reproduction and spread of weeds	Face to Face, Structure Assignment, Independent Study	Weed breeding, weed spread	7	0	0,15
		Students are able to explain and understand weed physiology (weed seed germination, dormancy, senescence)	Face to Face, Structure Assignment, Independent Study	Weed seed germination, dormancy, and senescence	7	0	0,15
		Students are able to explain and understand Weed and Plant Competition	Face to Face, Structure Assignment, Independent Study	Weed and plant competition	7	0	0,15
		Students are able to explain and understand Weed Vegetation Analysis	Face to Face, Structure Assignment, Independent Study	Analysis of weed vegetation	7	0	0,15
		Students are able to explain and understand important weeds on agricultural land (food crop weeds, plant weeds, horticulture, plantation crop weeds, water weeds)	Face to Face, Structure Assignment, Independent Study	Important weeds on agricultural land	7	0	0,15

		Students are able to explain and understand the basics of weed control	Face to Face, Structure Assignment, Independent Study	Weed control basics	7	0	0,15
		Students are able to explain and understand invasive plants and their management	Face to Face, Structure Assignment, Independent Study	Invasive plants and their management	7	0	0,15
		Students are able to explain and understand Herbicides, (Definition of Herbicides, Herbicide Classification, Herbicide Mechanisms, Herbicide Applications)	Face to Face, Structure Assignment, Independent Study	Herbicide	7	0	0,15
		Students are able to explain and understand Allelopathy and its Uses (Mechanism of Allelopathy, Allelopathic Effects)	Face to Face, Structure Assignment, Independent Study	Allelopathy and its uses	7	0	0,15
	Students are able to analyze and use weed control technology in the agricultural world networking community. Students solve problems by behaving according to academic ethics in everyday life.	Students present Project Based Learning assignments	Face to Face, Structure Assignment, Independent Study	Discussion	7	0	0,15
				Total Hours	91	0	2,0
	sks/credit Theory		(Total Hours for Theory × 1 sks)/(2.83 × 16)	**SKS Theory**			2,0
	sks/credit Practicum/field work		(Total Hours for Practicum × 1 sks)/(2.83 × 10)	**SKS Practicum**			0,0

Notes: T = Theory P = Practicum/Field Work
1 SKS/Credit = 170 minutes = 2,83 hours
1 Semeter = 16 Face Times
The study time required for students to achieve CLO at each learning stage is determined by the lecturer/lecturer team based on their experience in teaching the course.
Total Course SKS/Credits = Theory + Practicum/field work