Module designation	*Food Crop Production Technology*
Semester(s) in which the module is taught	*6th*
Person responsible for the module	*Prof. Dr. Muhammad Kamal, M.Sc.*
Language	*Indonesian language*
Relation to curriculum	*Elective*
Teaching methods	*Lectures (100 minutes)* *Practicum sessions (170 minutes)*
Workload (incl. contact hours, self-study hours)	*Contact hours : 14 weeks x 100 minutes* *Structured learning: 14 weeks x 120 minutes* *Independent study: 14 weeks x 120 minutes* *Practicum sessions: 14 weeks x 170 minutes*
Credit points	*3 (2-1) CP or 4.76 (ECTS)* *((14 weeks x 100 minutes) + (14 weeks x 120 minutes) +* *(14 weeks x 120 minutes) + (14 weeks x 170 minutes)) :* *60 minutes/hour* *= 119 hours : 25 study hours/ECTS* *= 4.76 (ECTS)*
Required and recommended prerequisites for joining the module	-
Module objectives/intended learning outcomes	- *Students are able to aply the basic concepts and principles of cultivation technology and the development of sustainable agriculture technology;Students are able to assess and develop knowledge of science and technology by paying attention to the humanities and scientific ethics, able to work in a collective collegial team, and be a motivator in society;* - *Students are able to identify, formulate, solve problems, and apply plant science, plant protection, soil science, socio-economic agriculture, and plant production engineering principles that are oriented towards good agricultural practices (GAP);* - *Students are able to plan, design, implement, and develop plant production with the latest and environmentally friendly technology in creatively and innovatively*
Content	*The Food Crop Production Technology course is a 3 (2-1) credit course. Definition and prospects of food crops, production elements, agroecology of food crops, growth characteristics of food crops, aspects of plant pest and diseases, and food crop production technology (rice, corn, soybeans, peanuts, green beans, cassava, sweet potatoes, taro and sago).*
Examination forms	*oral presentation, essay*

Study and examination requirements	*Participants are evaluated based on their performance in class (lectures) (70%) and lab (practicum) (30%).* *Performance in theory (100%):* *Mid Exam (20%)* *Final Exam (20%)* *Assignments (40%)* *Class participation (10%)* *Individual quiz (10%)* *Performance in practicum (100%):* *Practicum exam (30%)* *Pre-test or post-test (10%)* *Experiment reports (60%)*
Reading list	1. *Villalobos, F.J. and E. Fereres. 2016. Principles of Agronomy for Sustainable Agriculture. Springer International Publishing. 543p.* 2. *Pessarakli, M. 2014. Handbook of Plant and Crop Physiology. 3rd edition. CRC Press Taylor & Francis, Suite 300 Boca Raton, FL. 1018p* 3. *Lebot, V. 2008. Tropical Root and Tuber Crops: Cassava, Sweet Potato, Yams and Aroids. CABI, Wallingford Oxfordshire OX10 8DE UK .* 4. *Goyal, A. and M.Asif. 2013. Crop Production. InTech, ISBN: 978-953-51-1174-0* 5. *Danforth, A. T. 2011. Corn Crop Production: Growth, Fertilization and Yield. Nova Science Publishers, Inc. 390p.*