Module designation	*Technology of Vegetable Crops Production*
Semester(s) in which the module is taught	*6^{th}*
Person responsible for the module	*Ir. Darwin H. Pangaribuan, M.Sc., Ph.*
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	- *Student able to aply the basic concepts and principles of cultivation technology and the development of sustainable agriculture technology* - *Student 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)* - *Student able to to plan, design, implement, and develop plant production with the latest and environmentally friendly technology in creatively and innovatively*
Content	*Technology of Vegetable Crops Production is a 3 (2-1) credit course. This course contains studies on: Origin/history of distribution, classification of plants, determinants of quality vegetables, cultivation techniques, aspects of plant pest and diseases, harvest and postharvest, important high plain and and lowland vegetables.*
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. *George, R.AT. 2011. Tropical Vegetable Production. CABI. 236p.* 2. *Acquaah, G.. 2009. Horticulture : Principles and Practices. 4th edition. Pearson Education, Inc., Upper Saddle River, New Jersey 07458. 817p.* 3. *Brewster, J.L. 2008. Onions and Other Vegetable. 2nd Edition. CABI, Wallingford Oxfordshire OX10 8DE UK. 455p.* 4. *Bosland, P.W. and E.J. Votava. 2012. Peppers: Vegetable and Spice Capsicums. CABI, Wallingford Oxfordshire OX10 8DE UK* 5. *Dixon, G. 2007. Vegetable Brassicas and Related Crucifers. CABI, Wallingford Oxfordshire OX10 8DE UK*