Module designation	*Plant Pest Control Techniques*
Semester(s) in which the module is taught	*3th*
Person responsible for the module	*Prof. Dr. Ir. Purnomo, M.S.*
Language	*Indonesian language*
Relation to curriculum	*Compulsory*
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	*- Completion of course: Agricultural Biology*
Module objectives/intended learning outcomes	- *Students are able to apply the basic concepts and principles of cultivation technology and the development of sustainable agriculture technology* - *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 to plan, design, implement, and develop plant production with the latest and environmentally friendly technology in creatively and innovatively*
Content	*The Integrated Control of Plant Pests and Diseases course is a 3 (2-1) credit course. This course contains studies on: concept, objective, principles, IPM system, ecological and economic aspects of IPM; monitoring program; decision making process; characteristics and development of pest control techniques that compatible to IPM Program.*

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. *Kalshoven LGE. 1981. The Pests of Crops in Indonesia. Revised and Translated by PA van der Laan. Jakarta : PT. Ichtiar Baru-van Hoeve, Jakarta. 701 p.* 2. *Oka, IN 1996 Pengendalian Hama Terpadu dan Implementasinya di Indonesia. Gadjah Mada University Press. Yogyakarta. 255 p.* 3. *Untung, K. 1984 Pengantar Analisis Ekonomi Pengendalian Hama Terpadu. Andi offset. Yogyakarta. 92 p.* 4. *Jennifer L. Sharp, Jorge E. Pe©ła, Jorge E. Peña, M. Wysoki Tropical. 2002. Fruit Pests and Pollinators Biology, Economic Importance, Natural Enemies, and Control. CABI Pub. 430 p.* 5. *Mudjiono G. 2013. Pengelolaan Hama Terpadu Konsep, Taktik, Strategi, Penyusunan Program PHT, dan Implementasinya. UB Press*