

Module designation	<i>Agrotechnology of Spice and Phyto-pharmacy Crops</i>
Semester(s) in which the module is taught	<i>7th</i>
Person responsible for the module	<i>Dr. Ir. Rusdi Evizal, M.S.</i>
Language	<i>Indonesian language</i>
Relation to curriculum	<i>elective</i>
Teaching methods	<i>Lectures (100 minutes) Practicum sessions (170 minutes)</i>
Workload (incl. contact hours, self-study hours)	<i>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</i>
Credit points	<i>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)</i>
Required and recommended prerequisites for joining the module	-
Module objectives/intended learning outcomes	<ul style="list-style-type: none"> - <i>Students are able to apply the basic concepts and principles of cultivation technology and the development of sustainable agriculture technology</i> - <i>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)</i> - <i>Students are able to plan, design, implement and develop plant production with the latest and environmentally friendly technology creatively and innovatively</i>

Content	<p><i>The Agrotechnology of Spice and Phyto-pharmacy Crops course is a 3 (2-1) credit course.</i></p> <p><i>This course contains studies on: Spice and medicinal plantations (clove, black pepper, vanilla, nutmeg, cinnamon, quinine, etc.), origin and history of distribution, potential, prospects, and development program; botanical and growing requirements, cultivation techniques, pest control aspects, and post-harvest handling; Trading.</i></p>
Examination forms	<i>oral presentation, essay</i>
Study and examination requirements	<p><i>Participants are evaluated based on their performance in class (lectures) (70%) and lab (practicum) (30%).</i></p> <p><i>Performance in theory (100%):</i> <i>Mid Exam (20%)</i> <i>Final Exam (20%)</i> <i>Assignments (40%)</i> <i>Class participation (10%)</i> <i>Individual quiz (10%)</i></p> <p><i>Performance in practicum (100%):</i> <i>Practicum exam (30%)</i> <i>Pre-test or post-test (10%)</i> <i>Experiment reports (60%)</i></p>
Reading list	<p><i>1. Balai Besar Litbang Pascapanen Pertanian. 2020. Bahan Pangan Potensial untuk Antivirus dan Imun Booster. Litbang Pertanian Kementan.</i></p> <p><i>2. Evizal, R. 2013. Tanaman Rempah dan Fitofarmaka. Balai Penelitian Universitas Lampung.</i></p> <p><i>3. Peter, K.V. 2000. Handbook of Herb and Spice. Vol 1&2. CRC Press.</i></p>