

<b>Module Name</b>	<b>Agronomic Research Method</b>
<b>Module Level, if applicable</b>	Intermediate
<b>Code if Applicable</b>	0310201585
<b>Subtitle, if applicable</b>	-
<b>Courses, if applicable</b>	0310201585
<b>Semester(s) in which the module is taught</b>	5
<b>Person responsible for the module</b>	Prof Dr Ir Dyah Roeswitawati MS
<b>Lecturer</b>	Prof Dr Ir Dyah Roeswitawati MS
<b>Language</b>	Indonesian
<b>Relation to curriculum</b>	Compulsory Courses for undergraduate program in Department of Agrotechnology, Faculty of Agriculture and Animal Science.
<b>Type of teaching, contact hours</b>	Lecture, Tutorial, Independent Learning, Lab Work
<b>Workload</b>	<ul style="list-style-type: none"> <li>• Lecture : 2 sks × 50 minutes × 16 weeks</li> <li>• Tutorial : 2 sks × 60 minutes × 16 weeks</li> <li>• Independent Learning 2 sks × 60 minutes × 16 weeks</li> <li>• Lab Work: 1 sks × 170 minutes × 16 weeks</li> </ul>
<b>Credit points</b>	SKS 3 SCH x (1.5) = 4.5 ECTS
<b>Requirements according to the examination regulations</b>	<ol style="list-style-type: none"> <li>1. Registered in this course</li> <li>2. Minimum 80% attendance in this course</li> </ol>
<b>Recommended prerequisites</b>	No prerequisites
<b>Module Objectives (Intended learning outcomes)</b>	<p>On successful completion in this course, student should be able to:</p> <ul style="list-style-type: none"> <li>• Conceptualize, analyze and test research methodologies including experimental design, survey methods, and statistical methods in data analysis</li> <li>• Understand problem formulation, writing bibliography</li> <li>• Understand the procedure for writing proposals and research reports, as well as familiar with scientific publications and presentation procedures</li> </ul>
<b>Module Content</b>	This course about how to conceptualize, analyze and test research methodologies including experimental design, survey methods, and statistical methods in data analysis
<b>Study and examination requirements and forms of examination</b>	<p><b>Cognitive:</b> Midterm exam, Final exam, Quizzes, Assignments</p> <p><b>Psychomotor:</b> Practice</p> <p><b>Affective:</b> Assessed from the element /variables achievement, namely (a) Contributions (attendance, active, role, initiative, and language), (b) Being on time, (c) Effort.</p>
<b>Media employed</b>	Classical teaching tools with white board and power point presentation
<b>Recommended Literature</b>	<p>For Class:</p> <p>A. Compulsory</p> <p>- Well depend on the topic</p> <p>B. Option</p> <p>- Well depend on the topic</p>
<b>Date of Last Amendment</b>	23 <sup>rd</sup> August 2022