

	<h2>Module Description/Course Syllabi</h2> <p>Study Program : S1 Undergraduate Program Faculty of Agriculture University of Andalas</p>
<p><b>1. Course number and name</b></p>	
<p>PTN611 06 Scientific methods</p>	
<p><b>2. Credits and contact hours/Number of ECTS credits allocated</b></p>	
<p>3 credits (2 classes, 1 practicum)</p>	
<p><b>3. Instructors and course coordinator</b></p>	
<p>Dr. Agustian</p>	
<p>Dr. Ir. Teguh Budi Prasetyo, MS</p>	
<p><b>4. Text book, title, outhor, and year</b></p>	
<p><b>5. Specific course information</b></p>	
<p><b>A. Brief description of the content of the course (catalog description)</b></p>	
<p>This course discusses the basics of scientific research, how to find and formulate problems to develop a plan. Various types of scientific research (historical, descriptive, and experimental) and writing reports on research results. Thesis writing format; special linguistic and scientific terms; scientific method; library search and writing bibliography; Preparation of tables and figures supporting scientific work; techniques for conducting seminars; At the end of the lecture, students are able to prepare writing research proposals and research reports (thesis and other research including the Student Creativity Program), as well as seminar papers; presentation of scientific posters; Oral presentation of scientific work.</p>	
<p><b>B. Level of course unit (according to EQF: first cycle Bachelor, second cycle Master)</b></p>	
<p>First Cycle Bachelor</p>	
<p><b>C. Year of study when the course unit is delivered (if applicable)</b></p>	
<p>2nd Year</p>	
<p><b>D. Semester when the course unit is delivered</b></p>	
<p>Even Semester</p>	
<p><b>E. Mode of delivery (face-to-face, distance learning)</b></p>	
<p>Face to face</p>	
<p><b>6. Intended Learning Outcomes (CPL)</b></p>	
<p>ILO-5: Able to keep up with the latest knowledge developments and apply them to support appropriate learning strategies</p>	
<p>PI 1 : Review the literature and new technological knowledge about soil and environmental science</p>	
<p><b>7. Course Learning Outcomes (CPMK) ex. The student will be able to explain the significance of current research about a particular topic.</b></p>	
<p>1. Review the literature and new technological knowledge about soil and environmental science</p>	
<p><b>8. Learning and teaching methods</b></p>	
<p>Cooperative Learning and Project Based Learning</p>	
<p><b>9. Language of instruction</b></p>	
<p>Indonesian</p>	
<p><b>10. Assessment methods and criteria</b></p>	
<p><b>Summative Assessment :</b></p>	
<p>1. Assignment</p>	

2. UTS

3. UAS

4. Internship

**Formative Assessment:**

1. Thumb up and thumb down

2. Minutes paper