

Module designation	<i>Introduction to Agriculture (PEN101)</i>
Semester(s) in which the module is taught	<i>1<sup>st</sup> semester</i>
Person responsible for the module	<i>Ahmad Humam Hamid</i>
Language	<i>English</i>
Relation to curriculum	<i>Compulsory module</i>
Teaching methods	<i>lecture, case study</i>
Workload	<ul style="list-style-type: none"> <li>▪ <i>100 minutes of lecture and discussion per week</i></li> <li>▪ <i>120 minutes of structured tasks per week</i></li> <li>▪ <i>120 minutes of independent activity per week</i></li> </ul>
Credit points	<i>2 (lesson 2, laboratory work 0) = 3.2 ECTS</i>
Required and recommended prerequisites for joining the module	-
Module objectives/intended learning outcomes	<ul style="list-style-type: none"> <li>▪ Able to understand and explain what agriculture means, along with the history of human interaction with the natural environment which later gave birth to agriculture. In this section the lecture will focus more on the place of agriculture in the broader dimensions of civilization.</li> <li>▪ Able to identify and explain the agricultural sector more specifically. The sub-sectors are; food, plantations and horticulture. The lecture will then continue with the forestry, livestock and fisheries sub-sectors. All of these sub-sectors will then be seen from the perspective of farmers, farming businesses, corporations and agribusiness.</li> <li>▪ Able to analyze tropical agricultural activities, the challenges of global climate change, and the concept of sustainable agriculture. At the end of the lecture, you will be directed to look at the state of national and global agriculture, the phenomenon of urban farming, and also 5:0 agriculture.</li> </ul>
Content	This course discusses a course aimed at providing orientation to students regarding agriculture, both as a science and as a human life and economic activity. This lecture will explain agriculture in a general and specific sense, starting from its birth, evolution and projected development in the future.
Exams and assessment formats	<i>Essay, case analysis, oral presentation</i>
Study and examination requirements	<i>5 % participatory activities</i> <i>55% case project</i> <i>5 % quizzes</i> <i>10% course work</i> <i>10% midterm examination</i> <i>15% final examination</i>
Reading list	<ol style="list-style-type: none"> <li>1. <i>David R. Harris and Dorian Q Fuller , 2014 Agriculture: Definition and Overview .Encyclopedia of Global Archaeology (Claire Smith, Ed.). Springer, New York. pp 104-113 2.</i></li> <li>2. <i>Yuval Noah Harari Terjemahan. 2011, Sapiens:A Brief History of Humankind,Bagian Satu: Revolusi Kognitif. Penerbit Alfabet</i></li> <li>3. <i>Yuval Noah Harari Terjemahan. 2011. Sapiens:A Brief History of Humankind Bagian Dua: Revolusi Agrikultur. Penerbit Alfabet</i></li> </ol>