

Module designation	Disaster and Environmental Knowledge (MKS106)
Semester(s) in which the module is taught	2 nd Semester
Person responsible for the module	
Language	English and Indonesia
Relation to curriculum	Compulsory module for Agricultural Product Technology Study Program
Teaching methods	Lecture, lesson, and focus group discussion
Workload (incl. contact hours, self-study hours)	<ul style="list-style-type: none"> ▪ 100 minutes lecture and discussion per week ▪ 120 minutes structured tasks per week ▪ 120 minutes learn to be independent per week
Credit points	2 (lesson 2) = 3,2 ECTS
Required and recommended prerequisites for joining the module	-
Module objectives/intended learning outcomes	<ul style="list-style-type: none"> ▪ Students are able to understand the basic principles and paradigms of disaster management in Indonesia. ▪ Students are able understand the basic theory of disaster risk analysis, ▪ Students are able to analyze a disaster case from various scientific perspectives (multidisciplinary), and ▪ Students are able to understand the relationship between disasters and the environment.
Content	This course provides students with insight and introduction to basic principles disaster risk reduction and its relationship to environmental conditions in an area that has the potential for disaster. The main focus of the lecture material is understanding of the important elements of disaster risk reduction that must be taken into account in sustainable development planning in areas that are prone to disasters (can focus on the most dominant disasters) and/or experiencing environmental damage (including issues climate change)
Examination forms	Multiple choice, essay, article paper, and oral presentation.
Study and examination requirements	<ul style="list-style-type: none"> ✓ Seminar 20% ✓ Quiz 20 % ✓ 30 mid-test examination ✓ 30 % final examination
Reading list	