

Description of Course Unit
according to the ECTS User's Guide 2015

Course unit title	Literasi Sains dan Teknologi
Course unit code	MKU6217
Type of course unit (compulsory, optional)	Compulsory
Level of course unit (according to EQF: first cycle Bachelor, second cycle Master)	First Cycle Bachelor (EQF Level 6)
Year of study when the course unit is delivered (if applicable)	1 st Year
Semester/trimester when the course unit is delivered	2 nd Semester
Number of ECTS credits allocated	4 ECTS
Name of lecturer(s)	Novianto Yudha Laksana, M.Pd
Learning outcomes of the course unit	<ol style="list-style-type: none"> 1. Have the ability to think critically, creatively, systematically and scientifically with broad insight, aesthetically ethical. 2. Have a concern for the preservation of natural resources and the environment. 3. Have insight into the development of science and technology, and 4. Can play a role in finding solutions to life's problems wisely
Mode of delivery (face-to-face, distance learning)	Synchronous and unsynchronous
Prerequisites and co-requisites (if applicable)	
Course content	<ol style="list-style-type: none"> 1. The Nature of Science 2. Development of human thinking patterns 3. Scientific Method 4. Matter and Energy 5. Nature as a System 6. Natural resources and their management 7. Science and technology development and application 8. Biotechnology
Recommended or required reading and other learning resources/tools	<p>Main:</p> <ul style="list-style-type: none"> • Denny Idra Praja, Food Additives Benefits and Dangers, Garudhawaca Yogyakarta, 2015 <p>Secondary:</p> <ul style="list-style-type: none"> • Reece Jane et al, Campbell Biology, Benjamin Cunnings, 2011

Planned learning activities and teaching methods	
Language of instruction	
Assessment methods and criteria	<ol style="list-style-type: none"> 1. UTS 2. UAS 3. Weekly tasks 4. Dimensions of intrapersonal skills 5. Attributes of interpersonal soft skill 6. Dimensions of attitudes and values