



**HASANUDDIN  
UNIVERSITY**

**Agricultural  
Engineering**  
Bachelor Program

# 2023 MODULE DESCRIPTION

BACHELOR PROGRAM  
AGRICULTURAL ENGINEERING  
FACULTY OF AGRICULTURE  
HASANUDDIN UNIVERSITY  
2023



## Information System

### Elective

Module designation	<i>Information System</i>
Semester(s) in which the module is taught	<i>Elective</i>
Person responsible for the module	<i>Dr. Ir. Supratomo, DEA Prof. Dr. Ir. Ahmad Munir, M.Eng Samsuar, STP., M.Si.</i>
Language	<i>Indonesia</i>
Relation to curriculum	<i>Elective</i>
Teaching methods	<i>Lectures</i>
Workload (incl. contact hours, self-study hours)	<i>(Estimated) Total workload: 2 SKS x 1.7 = 3.4 ECTS = 91.8 hours</i> <ul style="list-style-type: none"> <li>• <i>Lecture = 23.3 hours</i></li> <li>• <i>Excercise = 28 hours</i></li> <li>• <i>Sel study = 28 hours</i></li> <li>• <i>Exam = 4 hours (MID term and final)</i></li> <li>• <i>Exam preparation = 8.5 hours</i></li> </ul>
Credit points	<i>2 SKS = 3.4 ECTS</i>
Required and recommended prerequisites for joining the module	-
Module objectives/intended learning outcomes	<i>ILO 5: use techniques, skills, and modern tools necessary for agricultural engineering practices;</i>
Content	<i>This course introduces students to information system and its application in agricultural engineering field. Topics that will be covered include introduction to information systems, basic concepts, components and types of information system, database development, development of information system based applications, and application of information system for Geographical Information System.</i>
Examination forms	<i>Writing</i>
Study and examination requirements	<i>Attendance above 80%</i>
Reading list	<i>O'Brien, J. A. and G. M. Marakas. 2010. Introduction to Information Systems 5th Ed. McGraw-Hill Companies, Inc., New York. Stair, R. M. and G. W. Reynolds. 2012. Fundamentals of Information Systems 6th Ed. Course Technology, Cengage Learning, Boston.</i>