



PORTFOLIO

Department of Agribusiness

Faculty of Agriculture

University of Islam Malang

Subject	Agribusiness Management Information System
Module Level, if available	Undergraduate Study Program of Agribusiness
Subject Code	MKW60732
Type of course	Elective course
Credits	2 credits/ 3,4 ECTS
Semester	5
Prerequisite	-
Parallel Class	A, B, C and D
Module Description	The Economics Mathematics course provides an understanding of economic and business problems quantitatively with a mathematical approach. In learning, some basic mathematical concepts such as functions, series and matrices will be explained and trained to be skilled, so that students are able to solve economic problems in agribusiness.
Learning Outcomes	<p>The intended learning outcomes are:</p> <ol style="list-style-type: none"> 1. Able to operate the basic concepts of information systems, Data-Driven Information Systems, and Computer-Based Information Systems (CLO 1) 2. Able to make decisions in SIM Decisions (CLO 2) 3. Able to implement the benefits of investment and infrastructure in information technology (CLO 3) 4. Is Able to Decide strategic information systems and inter-organizational systems (CLO 4) 5. Able to analyze and apply benefits in the study of information technology cases (CLO 5)
Learning Content	<p>After completing this subject students are able to:</p> <ol style="list-style-type: none"> 1. Students are able to understand and examine the concept and importance of information systems 2. Students are able to study the basic framework and stages of the decision-making process in the SIM 3. Able to explain the concept of investment in information technology and the benefits in information technology for companies 4. Explain and know the concepts of organization with respect to information systems, information processing models in organizational texture and the role of humans in the organization and processing of information systems 5. Able to study concepts and models in the case of financial information systems
Aims	Students have competence in operating data-driven information systems in determining strategies and decision making in the field of agribusiness..
Teaching Methods	Several methods applied in this course consist of lecturing, assignment, practice and group presentation. All these methods are applied on 1 parallel classes
Participant	<ul style="list-style-type: none"> • A class: 25 students from 5st semester

	<ul style="list-style-type: none"> • B class: 39 students from 5st semester • C class: 40 students from 5st semester • D class: 25 students from 5st semester
Teaching Attendance	<ul style="list-style-type: none"> • A total of 14 meetings were held totally (100%) by lecturers (class A and B) • In class A, students 25 have an attendance rate 100%. • In class B, students 39 have an attendance rate 100%. • In class C, students 40 have an attendance rate 100%. • In class D, students 25 have an attendance rate 100%.
Evaluation System	The assessment components in this course consist of attendance, structured assignments, practicum, midterm exams and final exams. All these components are then combined to get the final score. Assessment matrix and sample questions are available in Appendix 1 and Appendix 2
Learning Result	<ul style="list-style-type: none"> • Achievement ILO in A Class CLO 1 = 89,06 (Excellent) CLO 2 = 94,53 (Excellent) CLO 3 = 90,11 (Excellent) CLO 4 = 84,59 (Excellent) CLO 5 = 94,13 (Excellent) • Achievement ILO in B Class CLO 1 = 90,67 (Excellent) CLO 2 = 96,44 (Excellent) CLO 3 = 98,07 (Excellent) CLO 4 = 90,15 (Excellent) CLO 5 = 90,15 (Excellent) • Achievement ILO in C Class CLO 1 = 88,12 (Excellent) CLO 2 = 80,25 (Excellent) CLO 3 = 97,95 (Excellent) CLO 4 = 90,22 (Excellent) CLO 5 = 96,75 (Excellent) • Achievement ILO in D Class CLO 1 = 95,00 (Excellent) CLO 2 = 91,50 (Excellent) CLO 3 = 85,50 (Excellent) CLO 4 = 90,00 (Excellent) CLO 5 = 80,00 (Excellent) <p>Complete achievement on average ILO can be seen on Appendix 3</p>
Statistical Distribution	<ul style="list-style-type: none"> • A Class, Grade distribution: A = 24 students, B = 5 students, C = 0 students, D=0 Students, E=3 Students • B Class, Grade distribution: A = 36 students, B = 2 students, and E= 3 Students • C Class, Grade distribution: A = 38 students, B = 2

	<p>students</p> <ul style="list-style-type: none"> • D Class, Grade distribution: A = 21 students, B = 2 students, E=2 Students <p>Complete achievements on each CLO per student can be seen in Appendix 4</p>
Teaching Observation	<p>Materials were delivered in Indonesia. The student could understand the materials well.</p> <ul style="list-style-type: none"> • In A Class: there were 2 students poor on both CLO 1, 1 student poor on both CLO 2, 1 student poor on CLO 4, 1 student poor on CLO 5 • In B Class: there were 2 students poor on both CLO 2, 1 students poor on CLO 1 • In C Class: there were 1 students poor on both CLO 3, 1 student poor on both CLO 4, 1 students poor on CLO 5 • In D Class: there were 2 students poor on both CLO 1, 1 student poor on both CLO 2, 2 students poor on CLO 3, 1 students poor on CLO 5
Learning Constraints	<p>A,B,C dan D Class: Lack of practice in the field makes it difficult for students to understand the production function of production economics</p>
Recommendation	<p>A Class: Paying more attention for students who hardly understand the materials</p> <p>B Class: Paying more attention for students who hardly understand the materials. Number of students should be split in A class. So each class has same number of students.</p> <p>C Class: Paying more attention for students who hardly understand the materials</p> <p>D Class: Paying more attention for students who hardly understand the materials. Number of students should be split in A class. So each class has same number of students.</p>

Appendix 1. Scoring Matrix

Nomenclature	Weight	Final Score	
		Letter Mark	Score average
Assignment	20%	A	80 – 100
Midle semester test	20%	B	70 - <80
Final semester test	20%	C	55 - <70
Practice	30%	D	50 - < 55
Presence	10%	E	0 - <50

Appendix 2. Question samples

- What are the characteristics and classifications of the system
 - Function and value of Information.
 - What are the benefits of studying Management Information Systems.
- What do you know about the Decision Support System (DSS) or Decision Support)
 - Name and explain the stages of DSS.
 - State the benefits of Technology Infrastructure and its types.
- List and explain the basic activities of Information Systems.
 - Mention at least 5 main capabilities of an information system.
- What are the benefits if the company invests in Information Technology.
 - What are the advantages of having an organizational information system within the company.
- What do you know about e Commerce
 - What are the advantages and disadvantages of selling through the On Line Store. C. How to overcome his weaknesses

Appendix 3. Achievement of CLO

A Class

Meetings	CLO 1 (%)	CLO 2 (%)	CLO 3 (%)	CLO 4 (%)	CLO 5 (%)
1	89,06				
2		94,53			
3			90,11		
4				84,59	
5					94,13
Average	89,06	94,53	90,11	84,59	94,13
Predicate	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT

B Class

Meetings	CLO 1 (%)	CLO 2 (%)	CLO 3 (%)	CLO 4 (%)	CLO 5 (%)
1	88,12				
2		96,44			
3			98,07		
4				90,15	
5					90,15
Average	88,12	96,44	98,07	90,15	90,15
Predicate	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT

C Class

Meetings	CLO 1 (%)	CLO 2 (%)	CLO 3 (%)	CLO 4 (%)	CLO 5 (%)
1	90,67				
2		80,25			
3			97,95		
4				90,22	
5					96,75
Average	90,67	80,25	97,95	90,22	96,75
Predicate	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT

D class

Meetings	CLO 1 (%)	CLO 2 (%)	CLO 3 (%)	CLO 4 (%)	CLO 5 (%)
1	95,00				
2		91,50			
3			85,50		
4				90,00	
5					80,00
Average	95,00	91,50	85,50	90,00	80,00
Predicate	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT

Standard

Std num-based AI		Weighted avg LO based AI	
70 <= AI	HIGH	70 <= AI	EXCELLENT
60 <= AI < 70	MEDIUM	60 <= AI < 70	SATISFACTORY
50 <= AI < 60	LOW	50 <= AI < 60	DEVELOPING
AI < 50	VERY LOW	AI < 50	UNSATISFACTORY

Appendix 4. Achievement on each per student A Class

Matrik Rekap Nilai Akhir Mahasiswa A																																			
No.	NPM	NAMA	SUB-CPMK/BOBOT (NILAI HARIAN)					NILAI HARIAN		UTS	UAS	Angka	HURUF																						
			1 skala 4*20%	2 skala 4*20%	3 skala 4*20%	4 skala 4*20%	5 skala 4*25%	Skala 4	5																										
1	21501032008	ZANUAR MUHAMMAD ABDOH	4	0.8	4	0.8	4	0.8	4	0.8	4	1	4.2	84	94	85	85.8	A																	
2	21501032011	SEVIN ARSYL MAJIID WAF	3	0.6	3	0.6	3	0.6	3	0.6	3	0.75	3.15	55	86	90	73.6	B																	
3	21701032002	WIDYATI	4	0.8	4	0.8	4	0.8	4	0.8	4	1	4.2	88	90	90	90.4	A																	
4	21701032003	RISKI DWI ELVIANTI	4	0.8	4	0.8	4	0.8	4	0.8	4	1	4.2	69.4	91	98	88.6	A																	
5	21701032004	FIDELINO CARVALHO	4	0.8	4	0.8	4	0.8	4	0.8	4	1	4.2	89	93	83	88	A																	
6	21701032006	JA FAR ABDURRAHMAN	4	0.8	4	0.8	4	0.8	4	0.8	4	1	4.2	83	82	90	85.3	A																	
7	21701032007	MOH. NANDA AL AZIZ	4	0.8	4	0.8	4	0.8	4	0.8	4	1	4.2	85	80	95	85	A																	
8	21701032009	NOVIA KRISTIANINGSIH	4	0.8	4	0.8	4	0.8	4	0.8	4	1	4.2	84	92	90	92.8	A																	
9	21701032011	NURWAHIDAH	3	0.6	4	0.8	4	0.8	4	0.8	4	1	4	84	80	80	78.1	B																	
10	21701032012	SUPARDI	4	0.8	4	0.8	4	0.8	4	0.8	4	1	4.2	83	94	80	83.8	A																	
11	21701032016	BADRULLAH	4	0.8	4	0.8	4	0.8	4	0.8	4	1	4.2	85	95	95	92.5	A																	
12	21701032017	DODIK EKA PRASETYO	4	0.8	4	0.8	4	0.8	4	0.8	4	1	4.2	84	83	88	84.7	A																	
13	21701032018	NADIA MISBAKHUL KHOIRO	4	0.8	4	0.8	4	0.8	4	0.8	4	1	4.2	91	86	90	93.1	A																	
14	21701032019	NUR CHAMILA	4	0.8	4	0.8	4	0.8	4	0.8	4	1	4.2	83	90	90	90.1	A																	
15	21701032020	AISYAH RAMADHANI	4	0.8	4	0.8	4	0.8	4	0.8	4	1	4.2	83	91	95	89.5	A																	
16	21701032023	NUR CHOLIS	4	0.8	3	0.6	3	0.6	3	0.6	3	0.75	3.35	67	93	90	88.9	A																	
17	21701032025	FEBI NUR FITRIANA	4	0.8	4	0.8	4	0.8	4	0.8	4	1	4.2	86.2	83	60	90.7	A																	
18	21701032026	MOHAMMAT ISBATUL CHOIR	4	0.8	4	0.8	4	0.8	4	0.8	4	1	4.2	84	95	85	91.3	A																	
19	21701032027	IZZA NAILATUL IFAZAH	4	0.8	4	0.8	4	0.8	4	0.8	4	1	4.2	89	97	96	90.7	A																	
20	21701032028	AHMAD NASRUL MAHASIN	3	0.6	3	0.6	3	0.6	3	0.6	3	0.75	3.15	84	84	90	79.6	B																	
21	21701032029	DWI INDRAMAN	1	0.2	4	0.8	4	0.8	4	0.8	4	1	3.6	89	96	90	6.9	E																	
22	21701032030	DAVID PRASETYO ADI CAH	4	0.8	4	0.8	4	0.8	4	0.8	4	1	4.2	85	96	85	88.6	A																	
23	21701032031	ERWINUL MAKKI	3	0.6	4	0.8	4	0.8	4	0.8	4	1	4	94	91	92	76.5	B																	
24	21701032032	AHMAD SHALIHUDDIN	1	0.2	1	0.2	1	0.2	1	0.2	1	0.25	1.05	86.2	94	94	6.9	E																	
25	21701032033	FATHUR ROHMAN	4	0.8	4	0.8	4	0.8	4	0.8	4	1	4.2	89	96	92	81.4	A																	
26	21701032038	ADE SUKMA PANEMUAN	4	0.8	4	0.8	4	0.8	4	0.8	4	1	4.2	83	91	90	85.3	A																	
27	21701032039	IGO HANDIKA	1	0.2	4	0.8	4	0.8	4	0.8	4	1	3.6	83	83	88	3.8	E																	
28	21701032041	MUCHAMMAD RIDWAN ABDU	4	0.8	4	0.8	4	0.8	4	0.8	4	1	4.2	84	79	80	87.4	A																	
29	21701032047	ANITA SARI	4	0.8	4	0.8	4	0.8	4	0.8	4	1	4.2	83	96	90	88.6	A																	
30	21701032053	FERDIANSAH EKA SAPUTRA	4	0.8	4	0.8	4	0.8	4	0.8	4	1	4.2	87	95	85	88.6	A																	
31	21701032059	AHMAD AL FARABBI	3	0.6	3	0.6	3	0.6	3	0.6	3	0.75	3.15	88	98	90	79.6	B																	
32	21701032068	MUHAMMAD RIFKI	4	0.8	4	0.8	4	0.8	4	0.8	4	1	4.2	83	89	95	88.3	A																	
rata rata			3.5625	0.7125	3.78125	0.75625	3.78125	0.75625	3.78125	0.75625	3.78125	0.9453125																							
konversi			89.0625	17.8125	94.53125	18.90625	90.1125	18.90625	84.59125	18.90625	94.13125	23.6328125							Presentase Nilai Mahasiswa A		75	%													
																		Presentase Nilai Mahasiswa B		15.625	%														
																		Presentase Nilai Mahasiswa C		0	%														
																		Presentase Nilai Mahasiswa D		0	%														
																		Presentase Nilai Mahasiswa E		9.375	%														
																		Nilai mahasiswa lulus		90.625	%														
																		Nilai Mahasiswa tidak lulus		9.375	%														

No.	NPM	NAMA	SCORE	SCORE	SCORE	SCORE	SCORE
			CLO 1	CLO 2	CLO 3	CLO 4	CLO 5
1	21501032008	ZANUAR MUHAMMAD ABDOH	60	90	90	90	90
2	21501032011	SEVIN ARSYL MAJIID WAF	50	60	55	60	50
3	21701032002	WIDYATI	90	80	90	90	90
4	21701032003	RISKI DWI ELVIANTI	70	73	70	63	71
5	21701032004	FIDELINO CARVALHO	90	80	95	90	90
6	21701032006	JA FAR ABDURRAHMAN	90	80	95	90	60
7	21701032007	MOH. NANDA AL AZIZ	90	80	95	80	80
8	21701032009	NOVIA KRISTIANINGSIH	70	90	90	80	90
9	21701032011	NURWAHIDAH	60	90	90	90	90
10	21701032012	SUPARDI	90	80	95	90	60
11	21701032016	BADRULLAH	90	80	95	80	80
12	21701032017	DODIK EKA PRASETYO	70	90	90	80	90
13	21701032018	NADIA MISBAKHUL KHOIRO	90	80	95	50	100
14	21701032019	NUR CHAMILA	90	80	95	90	60
15	21701032020	AISYAH RAMADHANI	90	80	95	90	60
16	21701032023	NUR CHOLIS	50	60	55	80	90
17	21701032025	FEBI NUR FITRIANA	90	80	90	85	86
18	21701032026	MOHAMMAT ISBATUL CHOIR	60	90	90	90	90
19	21701032027	IZZA NAILATUL IFAZAH	90	80	95	90	90
20	21701032028	AHMAD NASRUL MAHASIN	60	90	90	90	90
21	21701032029	DWI INDRAMAN	90	80	95	90	90
22	21701032030	DAVID PRASETYO ADI CAH	90	50	95	80	80
23	21701032031	ERWINUL MAKKI	70	90	90	80	90
24	21701032032	AHMAD SHALIHUDDIN	90	80	90	85	86
25	21701032033	FATHUR ROHMAN	90	80	95	90	90
26	21701032038	ADE SUKMA PANEMUAN	90	80	95	90	60
27	21701032039	IGO HANDIKA	90	80	95	90	60
28	21701032041	MUCHAMMAD RIDWAN ABDUL	70	90	90	80	90
29	21701032047	ANITA SARI	90	80	95	90	60
30	21701032053	FERDIANSAH EKA SAPUTRA	90	80	95	80	90
31	21701032059	AHMAD AL FARABBI	90	90	90	80	90
32	21701032068	MUHAMMAD RIFKI	90	80	95	90	60

D class

Matrik Rekap Nilai Akhir Mahasiswa															
No.	NPM	NAMA	SUB-CPMK/BOBOT (NILAI HARIAN)					NILAI HARIAN		UTS	UAS	Angka	HURUF		
			1	2	3	4	5	Skala 4	Skala 100						
			skala 4*20%	skala 4*20%	skala 4*20%	skala 4*20%	skala 4*25%								
1	21501032077	MOH. RIFQI AULAWI	0	0	0	0	0	0	0	84	0	0	2.5 E		
2	21601032080	VISCKA SALSA MARDATILA	0	0	0	0	0	0	0	55	0	0	1.3 E		
3	21601032081	M. SAFARI AL MUKTI	3	0.6	3	0.6	3	0.6	4	1	3	88	90	65	74.5 B
4	21701032024	DEFI WIDIYASARI	4	0.8	4	0.8	4	0.8	4	1	4	69.4	96	97	93.4 A
5	21701032034	NEVA LIS SAFITRI	4	0.8	4	0.8	4	0.8	4	1	4	89	96	94	91.9 A
6	21701032036	SATRIA HIDAYAT	4	0.8	4	0.8	4	0.8	4	1	4	83	96	79	88 A
7	21701032040	SACICO DESI ANDRIANI	4	0.8	4	0.8	4	0.8	4	1	4	85	98	89	91 A
8	21701032042	LAILA NUR HAFIDHA	4	0.8	4	0.8	4	0.8	4	1	4	84	95	92	91.6 A
9	21701032043	SYAMSUL MA`ARIF	4	0.8	4	0.8	4	0.8	0	0	3	84	98	87	91 A
10	21701032054	ALDYFERDIAN MAHESTA JA	4	0.8	4	0.8	4	0.8	4	1	4	83	95	80	87.4 A
11	21701032056	MOCH. HELMI FAUZI	4	0.8	4	0.8	4	0.8	4	1	4	85	94	93	91.6 A
12	21701032060	MUHAMMAD QORY FAUZI	4	0.8	4	0.8	4	0.8	4	1	4	84	97	90	94.6 A
13	21701032061	M. AUFAN NASRULLAH	4	0.8	4	0.8	4	0.8	4	1	4	91	95	89	90.1 A
14	21701032062	ALVIN YUDIANTO	4	0.8	4	0.8	4	0.8	4	1	4	83	91	81	85.9 A
15	21701032064	AHMAD KHUSNI	4	0.8	4	0.8	4	0.8	4	1	4	83	91	89	89.5 A
16	21701032069	MUHAMMAD ROJABI THOYAL	3	0.6	3	0.6	3	0.6	0	0	2	67	60	85	78.4 B
17	21701032078	JOKO SUJATMIKO	4	0.8	4	0.8	4	0.8	4	1	4	86.2	88	77	84.4 A
18	21701032080	MOHAMAD HANIF ADHAWIJA	4	0.8	4	0.8	4	0.8	0	0	3	84	87	87	87.1 A
19	21701032101	RIZA FARADIBA	4	0.8	4	0.8	4	0.8	4	1	4	89	96	95	92.2 A
20	21701032102	NUR LAILI `IRFAN WAHYU	4	0.8	4	0.8	4	0.8	4	1	4	84	95	95	92.5 A
21	21701032114	SHIVARA YAN FIRDAUSYA	4	0.8	4	0.8	4	0.8	4	1	4	89	96	94	92.5 A
22	21701032115	SHINTA PRAMESTI SURYO	4	0.8	4	0.8	4	0.8	4	1	4	85	96	90	91.3 A
23	21701032120	SITI NURHALIZA	4	0.8	4	0.8	4	0.8	4	1	4	84	97	84	89.8 A
24	21701032126	RINI LESTARI	4	0.8	4	0.8	4	0.8	4	1	4	86.2	94	87	89.2 A
25	21701032128	NOVIA DWI ALASTIA	4	0.8	4	0.8	4	0.8	4	1	4	89	87	86	87.4 A
rata rata			3.6	0.72	3.6	0.72	3.6	0.72	3.6	0.72	3.2	0.8			
konversi			95	18	91.5	18	85.5	18	90	18	80	20			
											Prosentase Nilai Mahasiswa A		84 %		
											Prosentase Nilai Mahasiswa B		8 %		
											Prosentase Nilai Mahasiswa C		0 %		
											Prosentase Nilai Mahasiswa D		0 %		
											Prosentase Nilai Mahasiswa E		8 %		
											Nilai mahasiswa lulus		92 %		
											Nilai Mahasiswa tidak lulus		8 %		

NAMA	SCORE	SCORE	SCORE	SCORE	SCORE
	CLO 1	CLO 2	CLO 3	CLO 4	CLO 5
MOH. RIFQI AULAWI	60	90	90	90	90
VISCKA SALSA MARDATILA	50	60	50	60	50
M. SAFARI AL MUKTI	90	50	90	90	90
DEFI WIDIYASARI	70	73	70	63	71
NEVA LIS SAFITRI	90	80	95	90	90
SATRIA HIDAYAT	90	80	95	90	60
SACICO DESI ANDRIANI	90	80	95	80	80
LAILA NUR HAFIDHA	70	90	90	80	90
SYAMSUL MA`ARIF	60	90	90	90	90
ALDYFERDIAN MAHESTA JA	90	80	95	90	60
MOCH. HELMI FAUZI	90	80	95	80	80
MUHAMMAD QORY FAUZI	70	90	90	80	90
M. AUFAN NASRULLAH	90	80	95	90	100
ALVIN YUDIANTO	90	80	95	90	60
AHMAD KHUSNI	90	80	95	90	60
MUHAMMAD ROJABI THOYAL	50	60	50	80	90
JOKO SUJATMIKO	90	80	90	85	86
MOHAMAD HANIF ADHAWIJA	60	90	90	90	90
RIZA FARADIBA	90	80	95	90	90
NUR LAILI `IRFAN WAHYU	60	90	90	90	90
SHIVARA YAN FIRDAUSYA	90	80	95	90	90
SHINTA PRAMESTI SURYO	90	80	95	80	80
SITI NURHALIZA	70	90	90	80	90
RINI LESTARI	90	80	90	85	86
NOVIA DWI ALASTIA	90	80	95	90	90