ASIIN

Module Descriptions “Compulsory BAS”

Module designation	*PTK61131 Introduction to Economics*
Semester(s) in which the module is taught	*1*
Person responsible for the module	1. *Dr. Dwi Yuzaria, SE, M.Si.* 2. *Dr. Fitrimawati, S.Pt, M.Si.* 3. *Dr. Rahmi Wati, S.Pt, M.Si*
Language	*Indonesia and English*
Relation to curriculum	*Compulsory*
Teaching methods	*Lecture, lesson (small group discussion), Case Base Method, Colaborative Learning dan Self Direct Learning.*
Workload (incl. contact hours, self-study hours)	*(Estimated) Total workload: 90.65 hours* *Contact hours: 26.65 hours (lecture)* *Private study including examination preparation, specified in hours: 64.00 hours*
Credit points	*3.02 ECTS*

Required and recommended prerequisites for joining the module	-

Module objectives/intended learning outcomes	*ILO 1: Internalizing the university's core values, code of ethics, and scientific ethics* *PI 4: Able to demonstrate a fully responsible attitude towards assigned tasks.* *ILO 3: Applying technology to solve problems in the livestock sector and finding appropriate and effective solutions* *PI 4: Mastering technical and management skills in the field of livestock development and business.* *ILO 4: Using logical thinking, creative thinking, critical thinking, and collaborative thinking* *PI 4: Mastering technical and management skills in the field of livestock development and business..* *ILO 7: Have character and leadership spirit as well as entrepreneurial spirit* *PI 2: Able to demonstrate a strong entrepreneurial spirit (creative, innovative and willing to take risks)* *ILO 9: Integrating innovation and technology in the livestock sector to solve problems in the livestock sector and other relevant fields.* *PI 4: Able to demonstrate a strong entrepreneurial spirit (creative, innovative and willing to take risks)* *Course Learning Outcomes:* 1. Students are able to explain the concept of economics and its scope. 2. Students are able to explain the concepts of consumer behavior and producer behavior. 3. Students are able to explain the concept of market structure 4. Students are able to understand and analyze the

	concepts of national income and aggregate demand (AD) and aggregate supply. 5. Students are able to understand and analyze the concepts of monetary policy and fiscal policy. 6. Students are able to understand and analyze the concept of international trade and the theory of economic growth.
Content	*This course covers the basic concepts of economics, encompassing microeconomics and macroeconomics. Microeconomics discusses consumer behavior, including utility theory, consumer preferences, demand and elasticity of demand. It also covers producer behavior, including supply and elasticity theory, equilibrium demand and supply, production and cost theory, and market structure. Macroeconomics discusses analyzing the concepts of national income and aggregate demand (AD) and aggregate supply (AS), monetary policy, including finance and banking, fiscal policy, including inflation and unemployment, international trade, including export and import activities and money flow, and economic growth theory.*
Examination forms	*Independent assignments, major assignments, labs, mid-term exams, and final exams..*

Study and examination requirements	1. *Task 1: 5%* 2. *Task 2: 10%* 3. *Task 3: 10%* 4. *Independent Assignment: 5%* 5. *Independent Assignment: 5%* 6. *Task 4: 10%* 7. *Assigment: 10%* 8. *Task 5: 10%* 9. *Assigment: 5%* 10. *Task 6: 10%* 11. *Assigment: 5%* 12. *Assigment: 5%* 13. *Assigment: 5%* 14. *Assigment: 5%*

Reading list	1. *Sukirno, Sadono, 2010. Microeconomics: An Introductory Theory. Third Edition. PT Raja Grafindo Persada: Jakarta.* 2. *Sadono, Sukirno, 2010. Macroeconomics: An Introductory Theory. Third Edition. PT Raja Grasindo Perseda: Jakarta.* 3. *Mankiw, N. Gregory, 2008. Introduction to Economics Volume 2. Jakarta: Erlangga* 4. *Pindyck, Robert S., Daniel L. Rubinfeld, 2007. Microeconomics (translation). Sixth Edition. Publisher: PT Indeks, Jakarta* 5. *Nicholson, Walter, 2001. Microeconomic Theory and Basic Principles of Its Development. Raja Grafindo Perasada. Jakarta.* 6. *Salvatore, Dominick, 1996. Microeconomic Theory, Third Edition. Erlangga: Jakarta.* 7. *Mankiw, N. Gregory, 2014, Introduction to Microeconomics. Salemba Empat, Jakarta* 8. *Dornbusch, Rudiger, Stanley Fisher, and Richard Startz, 2009. Macroeconomics. Jakarta: Media Global Education.* 9. *Samuelson, P.A., 2004. Macroeconomics. 17th Edition, PT. Global Education Media, Jakarta* 10. *Boediono, 2001. Synopsis Series of Introduction to Economics No. 5: Macroeconomics, Fourth Edition. BPFE, Yogyakarta* 11. *Mankiw, N. Gregory, 2006. Introduction to Macroeconomics. Third Edition, Salemba Empat, Jakarta.*

Module Description/Course Syllabi

Study Programme : Bachelor of Mathematics
Faculty of Mathematics and Natural Sciences Universitas Andalas

1. *Course number and name*

PTK 61131 Introduction to Economics

2. *Credits and contact hours/Number of ECTS credits allocated*

3,02 ECTS

3. *Instructors and course coordinator*

Dr. Dwi Yuzaria, SE, M.Si.; Dr. Fitrimawati, S.Pt, M.Si.; and Dr. Rahmi Wati, S.Pt, M.Si

4. *Text book, title, author, and year*

1. Sukirno, Sadono, 2010. Microeconomics: An Introductory Theory. Third Edition. PT Raja Grafindo Persada: Jakarta.
2. Sadono, Sukirno, 2010. Macroeconomics: An Introductory Theory. Third Edition. PT Raja Grasindo Perseda: Jakarta.
3. Mankiw, N. Gregory, 2008. Introduction to Economics Volume 2. Jakarta: Erlangga

5. *Recommended reading and other learning resources/tools*

1. Pindyck, Robert S., Daniel L. Rubinfeld, 2007. Microeconomics (translation). Sixth Edition. Publisher: PT Indeks, Jakarta
2. Nicholson, Walter, 2001. Microeconomic Theory and Basic Principles of Its Development. Raja Grafindo Perasada. Jakarta.
3. Salvatore, Dominick, 1996. Microeconomic Theory, Third Edition. Erlangga: Jakarta.
4. Mankiw, N. Gregory, 2014, Introduction to Microeconomics. Salemba Empat, Jakarta
5. Dornbusch, Rudiger, Stanley Fisher, and Richard Startz, 2009. Macroeconomics. Jakarta: Media Global Education.
6. Samuelson, P.A., 2004. Macroeconomics. 17th Edition, PT. Global Education Media, Jakarta
7. Boediono, 2001. Synopsis Series of Introduction to Economics No. 5: Macroeconomics, Fourth Edition. BPFE, Yogyakarta
8. Mankiw, N. Gregory, 2006. Introduction to Macroeconomics. Third Edition,

Salemba Empat, Jakarta.
6. *Specific course information*
A. Brief description of the content of the course (catalog description)
This course covers the basic concepts of economics, encompassing microeconomics and macroeconomics. Microeconomics discusses consumer behavior, including utility theory, consumer preferences, demand and elasticity of demand. It also covers producer behavior, including supply and elasticity theory, equilibrium demand and supply, production and cost theory, and market structure. Macroeconomics discusses analyzing the concepts of national income and aggregate demand (AD) and aggregate supply (AS), monetary policy, including finance and banking, fiscal policy, including inflation and unemployment, international trade, including export and import activities and money flow, and economic growth theory
B. Prerequisites or co-requisites
-
C. Indicate whether a required or elective course in the program
Required
D. Level of course unit (according to EQF: first cycle Bachelor, second cycle Master)
first cycle Bachelor
E. Year of study when the course unit is delivered (if applicable)
1st year
F. Semester when the course unit is delivered
Odd Semester

G. Mode of delivery (face-to-face, distance learning)
Face-to-face
7. *Intended Learning Outcomes*

ILO 1: Internalizing the university's core values, code of ethics, and scientific ethics
PI 4: Able to demonstrate a fully responsible attitude towards assigned tasks.

ILO 3: Applying technology to solve problems in the livestock sector and finding appropriate and effective solutions

PI 4: Mastering technical and management skills in the field of livestock development and business.

ILO 4: Using logical thinking, creative thinking, critical thinking, and collaborative thinking

PI 4: Mastering technical and management skills in the field of livestock development and business..

ILO 7: Have character and leadership spirit as well as entrepreneurial spirit

PI 2: Able to demonstrate a strong entrepreneurial spirit (creative, innovative and willing to take risks)

ILO 9: Integrating innovation and technology in the livestock sector to solve problems in the livestock sector and other relevant fields.

PI 4: Able to demonstrate a strong entrepreneurial spirit (creative, innovative and willing to take risks)

8. ***Course Learning Outcomes*** *ex. The student will be able to explain the significance of current research about a particular topic.*

1. Students are able to explain the concept of economics and its scope.
2. Students are able to explain the concepts of consumer behavior and producer behavior.
3. Students are able to explain the concept of market structure
4. Students are able to understand and analyze the concepts of national income and aggregate demand (AD) and aggregate supply.
5. Students are able to understand and analyze the concepts of monetary policy and fiscal policy.
6. Students are able to understand and analyze the concept of international trade and the theory of economic growth.

9. ***Brief list of topics to be covered***

Definition of economics, Basic problems of economics, Scarcity of resources, Economic actors; Consumer Behavior Theory discusses: (a) Approaches to Choice Models, (b) Cardinal Utility Model, (c) Utility Theory, (d) Indifference Curve Approach, (e) Equal Satisfaction Curve, (f) Budget Line, (g) Consumer Equilibrium, and (h) Consumer Concept; (a) Definition of demand, (b) Individual demand, (c) Market demand, (d) Law of demand, (e) Demand curve (f) Demand function in general form, (g) Factors influencing demand, and (h) Concept of elasticity; (a) Definition of supply, (b) Individual supply, (c) Market supply, (d) Law of supply, (e) Supply curve, (f) Functions that influence supply, (g) Factors that influence supply, (h) Concept of elasticity of supply; Balance of supply and demand; Production and Cost Theory discusses: 1) Production Theory: (a) Production activities, production timeframe, (b) Production factors, (c) Production size, (d) Production curve. 2) Cost Theory: (a) Definition of cost, (b) Total cost, (c) Variable cost, fixed cost, average cost, marginal cost, and (c) Cost curve, short-run and long-run costs, (d) Economies and diseconomies of scale, (e) Profit maximization; 1) Market Structure, discussing: (a) Types of Market Structures, (b) Perfect Competition Markets, (c) Characteristics of Perfect Competition Markets, (d) Demand curves in perfectly competitive markets, (e) Short-run and long-run equilibrium in perfectly competitive markets, 2) Monopoly Markets (a) Characteristics of Monopoly Markets, Causes of Monopoly Markets, (b) Demand Curves in Monopoly Markets, (c) Profit in Monopoly Markets, 2) Oligopoly Markets: (a) Characteristics of Oligopoly Markets, (b) Types of Oligopoly, (c) Profit Maximization, 3) Monopolistic Markets (a) Characteristics of Monopolistic Markets, (b) Profit Maximization; (a) Economic success, (b) Calculation of national income and national product, (c) Approaches used in calculating national income, (d) Calculation concept, (e) National income, (f) Use of gross domestic product, (g) Nominal and real gross national income; Aggregate Demand and Supply, discusses: (a) The Concept of Aggregate Demand, (b) The Aggregate Demand Curve, (c) Shifts in the Aggregate Demand Curve, (d) The Concept of Aggregate Supply, (e) The Aggregate Supply Curve, (f) Shifts in the Aggregate Supply Curve; (a) Monetary Policy, Role and Function of Money, (b) Process of Changing the Money Supply, (c) Money Markets and Interest Rates, (d) Functions of Central Banks, (e) Classical Monetary Theory, (f) Effectiveness of Monetary Policy, (g) Fiscal Policy, (h) Role of Fiscal Policy, (i) Effectiveness of Fiscal Policy, (j) Balance in Monetary and Fiscal Policy; Inflation and Unemployment, discusses: (a) The concept of inflation, (b) Types of inflation, (c) Inflation and economic equilibrium, (d) The concept of unemployment, (e) Types of unemployment, (f) The relationship between inflation and unemployment; Trade with other countries (a) International trade theory, (b) International balance of payments, (c) International payment system, (d) Foreign exchange market, (e) Policy, (f) International trade; 1. Sources of economic growth, 2. Economic growth and productivity increases, 3. Aggregate demand and economic growth in developing countries and their growth factors, 4. Factors driving economic growth in poverty alleviation, 5. The important role of government in economic growth.
10. Learning and teaching methods
Small group discussion, Directed Learning
Case Base Method, Colaborative Learning dan Self Direct Learning.

11. Language of instruction
Bahasa Indonesia and English
12. Assessment methods and criteria
Summative Assessment : ▪ Task 1: 5% ▪ Task 2: 10% ▪ Task 3: 10% ▪ Independent Assignment: 5% ▪ Independent Assignment: 5% ▪ Task 4: 10% ▪ Assigment: 10% ▪ Task 5: 10% ▪ Assigment: 5% ▪ Task 6: 10% ▪ Assigment: 5% ▪ Assigment: 5% ▪ Assigment: 5% ▪ Assigment: 5% **Formative Assessment** : -