



Universitas Gadjah Mada
 Faculty of Agriculture
 Agricultural Economics and Agribusiness Study Program

Course Syllabus

Course Code	Course Name	Credits	Semester	Course Status	Requirement
PNE20193155	Agricultural Project and Business Analysis	3	1 st	Compulsory	-
Learning Outcome	1	Mastering theoretical concepts, methodologies, operational design, and analytical tools for problem solving in the field of agricultural economics and agribusiness management to achieve agricultural development that is people-centric and sustainable.			
	2	Having the ability to identify and seek solutions for issues that emerge in the operation of both small and large (national & multinational) scale agribusinesses through information & data analysis, summarize and provide recommendations with technical approach, agricultural institution, socio-cultural characteristics, and agricultural economics by utilizing the latest technology.			
Course Description	The course studies about how to conduct feasibility study for agribusiness/agricultural project, starting with creating a framework, the process, techniques that can be utilized, and how to compile the study report.				
Course Content	<ol style="list-style-type: none"> 1. Definition of Feasibility Study (Project Benefit, Significance of Investment, & Purpose of Conducting a Feasibility Study) 2. Definition of Feasibility Study continued (Information required in a feasibility study & Feasibility Study's User Organization) 3. Design of Feasibility Study (Aspects of Feasibility Study, Project Analytical Tools, & Data and Sources of Data) 4. Technical Aspects of a Project (Project Site, Production Scale, & Layout) 5. Analytical Tools for the Technical Aspects of a Project (Assessment of Alternative Site, Determining Production Scale, & Factory Layout) 6. Need and Source of Funds (Sources of funds & General Guideline for Determining Sources of Funds) 7. Project Cash Flow (Components of Cash Flow & Estimating Cash Flow) 8. Investment Assessment Method ("Average Rate of Return" Method, Payback Method, & Net Present Value Method)) 9. Investment Assessment Method continued (Internal Rate of Return Method & Profitability Index Method) 10. Determinants of Smooth Project Operation (HR Aspects & Marketing Aspects) 11. Risks in Investment (Definition & Adjustment with interest rate to calculate NPV) 12. Competitive and Comparative Advantage Analysis using PAM (The Concept of Shadow Price & PAM (Policy Analysis Matrix)) 				
Reference	<ol style="list-style-type: none"> 1. Husnan dan Muhammad. 2000. Studi Kelayakan Proyek. UPP AMP YKPN. 2. Gittinger, J. Price. 1986. Analisa ekonomi proyek-proyek pertanian. Universitas Indonesia (UI-Press), Jakarta. 				

Lecturer	<ol style="list-style-type: none">1. Prof. Dr. Ir. Irham, M.Sc.2. Dr. Ir. Any Suryantini, MM3. Dr. Hani Perwitasari, S.P., M.Sc
----------	---