

**Course: Project Management**

1. **Type** : Specialization's Elective
2. **Code** : PTE 6306
3. **Credit** : 3/0
4. **Semester** : Odd
5. **Description** :

Project management is something that is very crucial to be known for project executor. Several aspects are learnt in this course of project management starting from the discussion of project management, feasibility study, control etc. This course is prepared for Master Program of Animal Science of UGM and it is a course that is included in business and policy study interest in animal science with 3 credits. This course learns the definition of project management, project cycle, and project feasibility study seen from the technical, management, environment, social politics, and social culture aspects. It also learns the problem solving planning, decision making, control, management function, conflict, risk, and management quality also the area and rural assessment using RRA and PRA approach.

**6. Course Outcomes (CO)**

- CO 1 : Able to design the livestock project feasibility study
- CO 2 : Able to arrange the plan and do the problem solving in project of livestock business
- CO 3 : Able to evaluate the livestock project exclusively and farming project generally

**7. The Alignment Between CO and ELO**

CO*	ELO**																
	A				B			C				D					
	1	2	3	4	1	2	3	1	2	3	4	1	2	3	4	5	6
CO 1	✓	✓				✓				✓		✓	✓				
CO 2		✓				✓					✓		✓				
CO 3			✓			✓				✓		✓					

\*CO refers to point 6.

\*\*Expected Learning Outcomes (ELO) are written below,

<b>A. Attitudes and Behaviors</b>	
The graduates are able to behave well, correctly, and culturally as the result of internalization and actualization of values and norms, which is reflected in a spiritual and social life through learning process, experience, research, and/or community development in the animal husbandry.	
1	Piety to God and be able to show religious attitude and maintain the humanity values in carrying the task, which is based on religion, moral, and ethics.
2	Be proud and love the homeland show nationalism, and contribute to the improvement of the life quality in the community, nation and country, and the advancement of civilization according to Pancasila.
3	Showing the social sensitivity and attention to the community and environment by respecting the culture diversity, view, religious, beliefs, and other people's opinion, and also obey the rules.
4	Be accountable in carrying the professional practice that includes ability to accept accountability towards decision and professional action. It shall be according to the scope of the practice under their responsibility and laws.

<b>B. Mastery in Sciences</b>	
Master the theory of the current science in the animal husbandry and its application.	
1	Able to master the current animal science and its application theory.
2	Able to master the livestock production science, animal nutrition and feed science, animal products technology, and the livestock social economics in relation to food security and environment.
3	Able to master the design, management, and development of livestock research.
<b>C. Special Skills</b>	
The graduates are able to develop science, technology, and arts in the animal husbandry through interdisciplinary/multidisciplinary innovative and tested research.	
1	Able to make innovation in the animal husbandry based on the development of science and technology.
2	Able to design interdisciplinary and multidisciplinary research in the animal husbandry.
3	Able to formulate and solve problems in the national development especially in terms of animal husbandry.
4	Able to solve problems and anticipate issues in the development of animal science and industry.
<b>D. General Skills</b>	
The graduates are able to manage resources by utilizing science, technology, and arts to solve problems in the animal husbandry with current science and also conduct research with accountability and full responsibility.	
1	Able to develop logical, critical, systematic, and creative thought through scientific research, creation of design in the science and technology, which pays attention and applies humanity values according to their expertise. The graduates are able to arrange scientific concept and the study result based on the principles, procedures, and scientific ethics.
2	Able to identify the science that becomes their research object and position it to a research map by using information technology in the context of science development and expertise implementation developed through interdisciplinary or multidisciplinary approaches.
3	Able to make a decision in the context of solving problems in the development of science and technology, which pays attention and applies humanity values based on analysis study or experiment towards information and data.
4	Able to communicate the result of reasoning and scientific research in form of thesis and scientific writing responsibly based on academic ethics in the accredited national journal.
5	Able to maintain the academic integrity generally and avoid the plagiarism practice.
6	Able to communicate spoken and written English effectively by using the information technology for the development of animal science and its implementation.

## 8. Course Content

Week	CO	Topic/Subtopic	Learning Activity	Assessment Tools	Allocated Time	Lecturer
1	CO 1	Introduction: 1. Project comprehension 2. Process on the activity project 3. Project challenges 4. Project managements	Presentation and Discussion	Attendance and Assignment	2 x 50 minutes	Dr.Ir. Rini Widiati, MS.

2	CO 1	Initiating Process 1. Project requirement 2. Project feasibility 3. Authority on carrying out the project	Presentation and Discussion	Attendance and Assignment	2 x 50 minutes	Dr.Ir. Rini Widiati, MS.
3	CO 2	Project planning: 1. Project plan comprehension 2. Project planning steps 3. Ingredients project plan	Presentation and Discussion	Attendance and Assignment	2 x 50 minutes	Dr.Ir. Rini Widiati, MS.
4	CO 2	WBS for project planer 1. The use of WBS 2. Guidelines for Developing the WBS	Presentation and Discussion	Attendance and Assignment	2 x 50 minutes	Dr.Ir. Rini Widiati, MS.
5	CO 3	Project control and evaluation : 1. Project control Project evaluation	Presentation and Discussion	Attendance and Assignment	2 x 50 minutes	Dr.Ir. Rini Widiati, MS.
6	CO 1	Organization strategy and objective: 1. Strategy management 2. Objective characteristics	Presentation and Discussion	Attendance and Assignment	2 x 50 minutes	Dr.Ir. Rini Widiati, MS.
7	CO 1	Management functions 1. Planning 2. Organizing 3. Directing 4. Controlling	Presentation and Discussion	Attendance and Assignment	2 x 50 minutes	Dr.Ir. Rini Widiati, MS.
<b>Midterm Examination</b>						
8	CO 2	Conflict: 1. Definition of conflict	Presentation and Discussion	Attendance and Assignment	2 x 50 minutes	Endang Sulastri, S.Pt.,

		2. Conflict manifestation 3. Conflict resolution 4. Conflict management				M.A., Ph.D.
9		Risk : 1. Definition of risk 2. Risk components 3. Risk category 4. Risk Management	Presentation and Discussion	Attendance and Assignment	2 x 50 minutes	Endang Sulastri, S.Pt., M.A., Ph.D.
10		Contract : 1. Definition 2. Requirement 3. Law 4. Classification	Presentation and Discussion	Attendance and Assignment	2 x 50 minutes	Endang Sulastri, S.Pt., M.A., Ph.D.
11		Manager's role	Presentation and Discussion	Attendance and Assignment	2 x 50 minutes	Endang Sulastri, S.Pt., M.A., Ph.D.
12	CO 3	Project team management	Presentation and Discussion	Attendance and Assignment	2 x 50 minutes	Endang Sulastri, S.Pt., M.A., Ph.D.
13		Leadership	Presentation and Discussion	Attendance and Assignment	2 x 50 minutes	Endang Sulastri, S.Pt., M.A., Ph.D.
14		How to Make Project Management Work in the Company	Presentation and Discussion	Attendance and Assignment	2 x 50 minutes	Endang Sulastri, S.Pt., M.A., Ph.D.
<b>Final Examination</b>						

## 9. Assessment

<b>Component</b>	<b>CO</b>	<b>Percentage (%) for final grade</b>	<b>Minimum Satisfactory Level</b>
Midterm	CO 1	40	70
Final Exam	CO 2	40	70
Paper/assignments	CO 3	20	70
<b>Total</b>		100	

### 10. Lecturer

1. Dr. Ir. Rini Widiati, M.S.
2. Endang Sulastri, S.Pt., M.A., Ph.D.
3. Dr. Ir. Siti Andarwati, S.Pt., M.P.

### 11. Reference

1. J. Price Gittinger, 2008. Analisa Ekonomi Proyek-proyek Pertanian. UI Press- Jakarta.
2. Joseph Heagney, 2011. Fundamentals of Project Management. Fourth edition, American Management Association, USA
3. Kerzner, Harold. 2006. Project Manajement A Systems Approach to Planning, Scheduling, and Controlling. John Wiley & Sons,Inc., Kanada.
4. Koolma,A and Schoot,CJM. 2007. Manajemen Proyek. Penerbit Universitas Indonesia, Jakarta.
5. J. Price Gittinger, 2008. Analisa Ekonomi Proyek-proyek Pertanian. UI Press- Jakarta.
6. Joseph Heagney, 2011. Fundamentals of Project Management. Fourth edition, American Management Association, USA
7. Kerzner, Harold. 2006. Project Manajement A Systems Approach to Planning, Scheduling, and Controlling. John Wiley & Sons,Inc., Kanada.
8. Koolma,A and Schoot,CJM. 2007. Manajemen Proyek. Penerbit Universitas Indonesia, Jakarta.