

## Course Description Form

1. Course Name:

Principles of Agricultural Extension

2. Course Code:

PAEX206

3. Semester / Year:

First season, 2023-2024.

4. Description Preparation Date:

01/02/2024

5. Available

Attendance Forms: attendance learning (theoretical in-person)

6. Number of Credit Hours (Total) / Number of Units (Total) 5 hours

Total 30 hours / 2 units / 2 hours per week.

7. Course administrator's name (mention all, if more than one name)

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8. Course Objectives

**Course Objectives:**

1. Improving the family's standard of living.
2. Increasing the agricultural income of rural families.
3. Developing the social development of rural individuals.
4. Improving the marketing aspects of rural producers.
- .Promoting positive attitudes of rural people towards agriculture and love of work.
5. Developing the leadership spirit among rural individuals.
- 6..Developing the idea of rural people's participation in the decision-making process of rural society.
- 8.. Developing a sense of responsibility towards the family and the rural community.
- 9.. Developing the cognitive and skill aspects of counseling work.
10. Establishing social and humanitarian rules among members of rural society.
11. Developing farm management among rural individuals..
12. Developing rural women and rural development as they are basic pillars of the rural family.



9. Teaching and Learning Strategies

<b>Strategy</b>	<ol style="list-style-type: none"> <li>1. Divide students into groups.</li> <li>2. Quarterly activities.</li> <li>3. Students' papers recording their ideas to solve a problem.</li> <li>4. A statement of the websites used by students to learn agricultural extension.</li> <li>5. Scientific reports and research.</li> <li>6. Results of students' practical experiments.</li> <li>7. Field visit reports.</li> <li>8. Student results in field training.</li> </ol>
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### 10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1 <sup>ST</sup>	Theoretical 2	<b>a1</b> By the end of the course, the student must be to familiar with the concept of agricultural extension and the difference between Agricultural education and agricultural extension.	The concept of agricultural extension: The difference between agricultural education and agricultural extension	Lecture, audio aids, blackboard.	Quizzes, Assignments, Discussions
2 <sup>nd</sup>	Theoretical 2	<b>a2</b> By the end of the course, student must be to disting between agricultural educa and agricultural extension the role of the agricult extension worker in exten work.	Agricultural guide: qualifications of the agricultural guide and extension specialist and importance of of agricultural extension.	Lecture, audio aids, blackboard.	Quizzes, Assignments, Discussions
3 <sup>rd</sup>	Theoretical 2	<b>b1</b> By the end of the course, student must be to know the objectives of agricultural extension and the importance of agricultural extension in sustainable development.	The importance of agricultural extension: objectives of agricultural extension, importance of agricultural extension in sustainable development.	Lecture, audio aids, blackboard.	Quizzes, Assignments, Discussions
4 <sup>th</sup>	Theoretical 2	<b>a3</b> By the end of the course, student must be to learn about coordination between agricultural extension and agricultural research agencies and its relationship to economic and social development.	Principles of agricultural extension: communication and cooperation between agricultural extension and agricultural research systems. The relationship of agricultural extension to economic and social development.	Lecture, audio aids, blackboard.	Quizzes, Assignments, Discussions

5 <sup>th</sup>	Theoretical 2	<b>a4</b> By the end of the course, the student must be to understand the philosophy of agricultural extension and its goals.	Agricultural extension philosophy: Introduction and definition of agricultural extension philosophy, philosophical ideas related to work. Agricultural extension philosophy: Introduction and definition of agricultural extension philosophy, philosophical ideas related to work guidance.	Lecture, audio aids, blackboard.	Quizzes, Assignments, Discussions
6 <sup>th</sup>	Theoretical 2	<b>b2</b> By the end of the course the student must be to know social change, its levels and causes.	Social change, levels of social change, causes of social change Adult education, its characteristics and principles.	Lecture, audio aids, blackboard.	Quizzes, Assignments, Discussions
7 <sup>th</sup>	Theoretical 2	<b>b3</b> By the end of the course, the student must be to learn about coordination between agricultural extension and agricultural research agencies and its relationship to economic and social development.	Principles of agricultural extension: communication cooperation between agricultural extension agricultural research systems. The relationship agricultural extension to economic and social development.	Lecture, audio aids, blackboard.	Quizzes, Assignments, Discussions
8 <sup>th</sup>	Theoretical 2	<b>a5</b> By the end of the course, the student must be to understand counseling communication, its types and elements.	Communication agricultural elements of communication process types of the communication process.	Lecture, audio aids, blackboard.	Quizzes, Assignments, Discussions
9 <sup>th</sup>	Theoretical 2	<b>a6</b> By the end of the course, the student should be to understand adoption and the factors influencing adoption.	Adoption: definition of adoption, stages of the adoption process, factors affecting adoption, categories of adopters, Factors affecting the transfer and adoption of new technologies.	Lecture, audio aids, blackboard.	Quizzes, Assignments, Discussions
10 <sup>th</sup>	Theoretical 2	<b>a7</b> By the end of the course, the student must be to know counseling of communication, its elements and types.	Agricultural extension communication: elements of the extension communication process, types of extension communication process.	Lecture, audio aids, blackboard.	Quizzes, Assignments, Discussions

11 <sup>th</sup>	Theoretical 2	<b>a8</b> By the end of the course, the student must be to distinguish between heuristic methods.	Agricultural extension methods: classification of agricultural extension methods, individual extension methods, group extension methods: (extension meetings, extension trips).	Lecture, audio aids, blackboard.	Quizzes, Assignments, Discussions
12 <sup>th</sup>	Theoretical 2	<b>b4</b> By the end of the course, the student must be to know the methods of public guidance: publications, newspapers, periodicals.	Public guidance methods: publications, newspapers, periodicals.	Lecture, audio aids, blackboard.	Quizzes, Assignments, Discussions
13 <sup>th</sup>	Theoretical 2	<b>a9</b> By the end of the course, the student must be to know leadership, its types and elements, standards of leadership, and characteristics of leaders.	Leadership and its types: elements of leadership, standards of leadership, characteristics of leaders.	Lecture, audio aids, blackboard.	Quizzes, Assignments, Discussions
14 <sup>th</sup>	Theoretical 2	<b>b5</b> By the end of the course, the student must be to know the management extension: the functions and specifications of the extension administration Extension administration, the role and tasks of the leader in extension work.	Extensive management: management functions and management specifications, the role and tasks of the leader in extension work.	Lecture, audio aids, blackboard.	Quizzes, Assignments, Discussions
15 <sup>th</sup>	Theoretical 2	<b>b6</b> At the end of the course, a scientific visit is organized for the students to the Nineveh Agriculture Directorate in order to learn about the goals and importance of field, laboratory and office visits.	Extension visits: field visits, organizing a scientific visit for students to the Nineveh Agriculture Directorate, office visits, telephone calls. and personal letters.	Lecture, audio aids, blackboard.	Quizzes, Assignments, Discussions

### 11. Course Evaluation:

No.	Evaluation methods	Evaluation date (week)	marks	Relative weight (%)
1	The first short test Quiz. Theoretical:	Week 4: Theoretical: Short test (1) Quiz.	Theoretical: 2.5	2.5%
2	Monthly exam (1).	Week 9: Theoretical test (1).	Theoretical: 15	15%
3	Second short test Quiz.	Week 11: Theoretical: Short Test (2) Quiz.	Theoretical: 5	2.5%
4	Monthly exam (2).	Week 13: Theoretical test (2).	Theoretical: 15	15%

5	Reports	Week 15 : Submit reports.	Theoretical: 5	5%
6	Quest rate.	Seasonal rates are announced at end of the semester.	Theoretical: 40	40%
7	Final theoretical test.	The week of theoretical exams.	60	60%
8	Total	The final score of the theoretical of final exam at the end of academic year.	100	100%

Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports .... etc

## 12. Learning and Teaching Resources

Required textbooks (curricular books any)	Principle of Agricultural Extension, The author (Prof. Dr. Zaki Hassan Al-Laila Dr. Samir Abdel Azim Othman, 1987). Dar Al Kutub for Printing Press, University of Mosul/Iraq.
Main references (sources)	1. Agricultural extension book between philosophy and application: Author (Abdul Ghaffar Taha Abd al-Ghaffar, 1976). New Publications House/Alexandria-Egypt. 2. Introduction to agricultural extension, philosophy and application. Author (Muhammad Abd Rabbuh Mohammad and Hassain Al-Zubaidi), 2015. Al-Mukhtar University Publications. 3. Agricultural extension, science, organization and work, 2014. Farha Publishing House. Authors: Prof. Dr. Mukhtar Muhammad Abdulla. Prof. Dr. Essam Muhammad Al-Ali. Dr. Ahmed Maher Al-Gohary.
Recommended books and references (scientific journals, reports...)	1. Journal of the Scientific Society for Agricultural Extension/Agricultural Extension Department/College of Agriculture, -Cairo University/Egypt. <a href="https://mgiz.journals.ekb.eg/">https://mgiz.journals.ekb.eg/</a> 2. Agricultural Extension Journal/Central Administration for Agricultural Extension and Environment/Egypt. <a href="https://kenanaonline.com/users/Caaes/topics/152357">https://kenanaonline.com/users/Caaes/topics/152357</a>
Electronic References, Websites	Directorate of Agricultural Guidance and Training/Ministry of Agricult Iraqi. <a href="https://www.facebook.com/100057077876612/posts/3567521473356612">https://www.facebook.com/100057077876612/posts/3567521473356612</a> The importance of agricultural extension in sustainable development 2. General Administration of Agricultural Guidance/Ministry of Environment, Water and Agriculture/Kingdom of Saudi Arabia. <a href="https://mewa.gov.sa/ar/Ministry/Agencies/AgencyofAgriculture/Departments/Pages/dept4.aspx">https://mewa.gov.sa/ar/Ministry/Agencies/AgencyofAgriculture/Departments/Pages/dept4.aspx</a>

Instructor of theoretical part

Anhar Mohammad Ali Hasan

Chairman of the scientific committee

Prof. Dr. Moafak mahmood ahmed

Instructor of practical part

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