

Ministry of Higher Education and Scientific Research
Scientific Supervision and Evaluation Device
Department of Quality Assurance and Academic Accreditation
Accreditation Department



Guide for Academic Program and Course Description

2025- 2024



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



Academic Program Description Form

University Name: Tikrit
College/Institute: Agriculture
Scientific Department: Economics and Agricultural Guidance
Name of Academic or Professional Program: Courses of the Department of
Economics and agricultural extension
Name of Final Degree: Bachelor of Economics and agricultural extension
Study System: Semester (Courses)
Description Preparation Date: 9/1/2024
File Filling Date: 9/1/2024

Signature: 

Name of Scientific Assistant: Mohammed Saleh Mohammed

Date:

ا.م.د محمد صالح محمد
معاون العميد للشؤون العلمية

Signature: 

Name of Head of Department: Mahmoud Hadis Jassim

Date: 9/2/2024



File checked by
Quality Assurance and University Performance Division

Name of Director of Quality Assurance and University Performance Division: Dr. Aslam Alwan

Date: 9/2/2024

Signature:




Authentication by the Dean of the College

ا.م.د محمد صالح محمد
معاون العميد للشؤون العلمية



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



Introduction:

The educational program is a coordinated and organized package of courses that include procedures and experiences organized in the form of study vocabulary, the main purpose of which is to build and refine the skills of graduates, making them qualified to meet the requirements of the labor market. It is reviewed and evaluated annually through internal or external audit procedures and programs, such as the .external examiner program

The academic program description provides a brief summary of the main features of the program and its courses, indicating the skills that students are working to acquire based on the objectives of the academic program. The importance of this description ,is evident because it represents the cornerstone in obtaining program accreditation and the teaching staff participates in writing it under the supervision of the scientific .committees in the scientific departments

This guide, in its second version, includes a description of the academic program after updating the vocabulary and paragraphs of the previous guide in light of the developments and changes in the educational system in Iraq, which included a description of the academic program in its traditional form (annual, semester) in addition to adopting the description of the academic program circulated pursuant to the letter of the Department of Studies TM3/2906 dated 5/3/2023 regarding programs .that adopt the Bologna process as a basis for their work

In this regard, we cannot but emphasize the importance of writing a description of academic programs and courses to ensure the smooth running of the educational .process



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



:Concepts and terms

Academic Program Description: The academic program description provides a brief summary of its vision, mission and objectives, including a precise description of the targeted learning outcomes according to specific learning strategies

Course Description: Provides a concise summary of the main characteristics of the course and the learning outcomes expected of the student, demonstrating whether the student has made the most of the learning opportunities available. It is derived from the programme description

Program Vision: An ambitious picture of the future of the academic program to be an advanced, inspiring, motivating, realistic and applicable program

Program mission: It briefly explains the objectives and activities required to achieve them, and it also identifies the program's development paths and directions

Program objectives: These are statements that describe what the academic program intends to achieve within a specific period of time and are measurable and observable

Curriculum structure: All courses/subjects included in the academic program according to the approved learning system (semester, year, Bologna track) whether they are required (ministry, university, college and scientific department) with the number of academic units

Learning outcomes: A consistent set of knowledge, skills and values acquired by the student after successfully completing the academic program. The learning outcomes for each course must be determined in a way that achieves the program's objectives

Teaching and learning strategies : These are the strategies used by the faculty member to develop the student's teaching and learning. They are plans that are followed to achieve the learning objectives. That is, they describe all the classroom and extracurricular activities to achieve the learning outcomes of the program



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



Program vision	.1
<p>The Department of Economics and Agricultural Guidance, with its human capabilities, seeks to prepare specialized scientific cadres that keep pace with the requirements of the labor market, and for these cadres to be distinguished in their specialization by providing educational, research and advisory services to the local community in the fields of economics and agricultural guidance to achieve self-sufficiency in agricultural products and sustainable agricultural development</p>	
Program message	.2
<p>The Department of Economics and Agricultural Extension participates with other departments in achieving the college's mission, as it supports students with information, knowledge and skills Economic and social related to the specialization and preparing highly qualified graduates capable of contributing to the development and growth of the agricultural sector in Iraq By disseminating and applying knowledge of economic aspects and guidance programmes within the local community</p>	
Program objectives	.3
<ol style="list-style-type: none">1- Preparing highly qualified graduates who can transfer their academic knowledge and experience to the rural agricultural masses2- Conducting economic, financial, marketing and feasibility studies for all types of agricultural projects3- Strengthening the link between the department and various state institutions through postgraduate students' research that provides solutions to any agricultural problem they face4- Serving the local community through advisory activities such as holding scientific courses and seminars and providing advisory services5- Developing the performance of members and increasing their scientific and practical efficiency through seminars, conferences, training courses, study groups and other activities	
Program accreditation	.4
<p>ABET accredited by the Ministry of Higher Education and Scientific Research</p>	
Other external influences	.5
<p>Infrastructure, financial and human resources</p>	



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



Program Structure / Economics Branch .6				
Program Structure	Number of courses	Study unit	percentage	* comments
Institutional Requirements	10	10	7.35	Basic
College Requirements	13	39	28.67	Basic
Department Requirements	34	87	63.98	Basic
Summer training				
Other				

.Notes may include whether the course is basic or optional *

Program Structure / Guidance Branch .7				
Program Structure	Number of courses	Study unit	percentage	* comments
Institutional Requirements	10	10	7.14	Basic
College Requirements	15	45	32.14	Basic
Department Requirements	31	85	60.72	Basic
Summer training				
Other				

Program Description .8				
Year/Level	Course code	Course name	Credit hours	
first stage		Agricultural economics	2 (theoretical)	(practical) 3
		mathematics	2 (theoretical)	(practical) 3
		Animal production	2 (theoretical)	(practical) 3
		Gardening Basics	2 (theoretical)	(practical) 3
		Field crops	2 (theoretical)	(practical) 3



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



		1/ English language	1 (theoretical)	--
		rights	) 1 (Theoretical)	
		Calculators/1	---	(practical) 3
		Social Psychology	2 (theoretical)	(practical) 3
		rural community	2 (theoretical)	(practical) 3
		Soil principles	2 (theoretical)	(practical) 3
		Principles of Industries	2 (theoretical)	(practical) 3
		Agricultural mechanization	2 (theoretical)	(practical) 3
		English language /2	1 (theoretical)	--
		Calculators /2	---	(practical) 3
Stage 2		partial theory	2 (theoretical)	(practical) 3
		Principles of Statistics	2 (theoretical)	(practical) 3
		Guiding principles	2 (theoretical)	(practical) 3
		Prevention Basics	2 (theoretical)	(practical) 3
		Poultry production	2 (theoretical)	(practical) 3
		Calculators /3	---	(practical) 3
		Vegetable production	2 (theoretical)	(practical) 3
		English language /3	) 1 (Theoretical)	---
		Agricultural Marketing	2 (theoretical)	(practical) 3
		Adult Education	2 (theoretical)	(practical) 3
		Calculators /4	---	(practical) 3
		freedom and democracy	) 1 (Theoretical)	----
		Irrigation and drainage	2 (theoretical)	(practical) 3



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



		Health and diseases	2 (theoretical)	(practical) 3
Stage 3 / Economy		Partial theory /2	2 (theoretical)	(practical) 3
		Macroeconomics /1	2 (theoretical)	(practical) 3
		Agricultural statistics methods	2 (theoretical)	(practical) 3
		Agricultural accounting	2 (theoretical)	(practical) 3
		Farm management	2 (theoretical)	(practical) 3
		Sports economics	2 (theoretical)	(practical) 3
		Technology transfer	2 (theoretical)	---
		Macroeconomics /2	2 (theoretical)	(practical) 3
		Production economics	2 (theoretical)	(practical) 3
		Agricultural cost accounting	2 (theoretical)	(practical) 3
		Basics of milk	2 (theoretical)	(practical) 3
		Price Analysis	2 (theoretical)	---
		Monetary fiscal policy	2 (theoretical)	---
		English language /4	1 (theoretical)	---
	Stage 3 / Economy		Community development	2 (theoretical)	(practical) 3
		Technology transfer	2 (theoretical)	(practical) 3
		Guidance methods	2 (theoretical)	(practical) 3
		Economic insects	2 (theoretical)	(practical) 3
		Jungles and ways to combat them	2 (theoretical)	(practical) 3
		Groups and leadership	2 (theoretical)	(practical) 3



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



		Guidance aids and tools	2 (theoretical)	(practical) 3
		Guidance communication methods	2 (theoretical)	(practical) 3
		Farm management	2 (theoretical)	(practical) 3
		Search methods	2 (theoretical)	(practical) 3
		Agricultural pest control	2 (theoretical)	(practical) 3
		Basics of milk	2 (theoretical)	(practical) 3
		English language /4	) 1 (Theoretical)	----
Stage 4 / Economy		Agricultural development	2 (theoretical)	----
		Econometrics/1	2 (theoretical)	(practical) 3
		Resource Economics	2 (theoretical)	----
		Cereal crops	2 (theoretical)	(practical) 3
		Agricultural Policy	2 (theoretical)	----
		Research methods and episodes	1 (theoretical)	----
		Research project	1 (theoretical)	----
		Financing and lending	2 (theoretical)	(practical) 3
		Econometrics/2	2 (theoretical)	(practical) 3
		Project evaluation	2 (theoretical)	(practical) 3
		Agricultural planning	2 (theoretical)	----
		Foreign trade	2 (theoretical)	----
		Economic thought and systems	2 (theoretical)	----
		Research project	1 (theoretical)	----



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



Stage 4 / Guidance		Guiding environment	2 (theoretical)	(practical) 3
		Guidance training	2 (theoretical)	(practical) 3
		Guidance management	2 (theoretical)	(practical) 3
		Program planning	2 (theoretical)	(practical) 3
		Theories of change	2 (theoretical)	(practical) 3
		Graduation research	1 (theoretical)	----
		Episodes	---	(practical) 2
		Guidance Programs Calendar	2 (theoretical)	(practical) 3
		Public relations advisory	2 (theoretical)	(practical) 3
		Guidance for rural women and children	2 (theoretical)	(practical) 3
		Educational Psychology	2 (theoretical)	(practical) 3
		Agricultural extension curricula	2 (theoretical)	(practical) 3
		Episodes	----	(practical) 2
		Research project	1 (theoretical)	----

Expected learning outcomes of the program	.9
Knowledge	
1- Providing students with knowledge and understanding of everything related to the .specialization of economics and agricultural guidance	
2- Knowledge of general principles in agricultural engineering	
Skills	
. Developing students' thinking and analysis skills and enabling them to apply what they have learned	
Values	
Enabling the student to know the ethical and professional issues and responsibilities in the field of .specialization, and to gain positive attitudes and work on improving the ability to think rationally	



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



10. Teaching and learning strategies
1- .The language of instruction is Arabic and English 2- Teaching is done using the latest technological means, tools, and audio-visual educational techniques 3- Field visits

.11 Evaluation methods
.1 Surprise exams (quiz) .2 Monthly exams .3 Reports .4 Homework

12. Academic Staff						
Faculty members						
The name	Specialization		Academic title and certificate		Faculty preparation	
	general	private	Academic title Certificate		angel	lecturer
M.M. Yasmine Hatem Hassan Juma Al- Samarrai	Agricultural guidance	Agricultural guidance	Assistant Professor	Master's	angel	
A.M.D. Naglaa Salah Madloul Ahmed	Agricultural economics	Macroeconomics	assistant professor	PhD	angel	
M.M. Shahla Kamel Ismail Hamad Al- Abbasi	Agricultural economics	Agricultural policy	Assistant Professor	Master's	angel	
Prof. Dr. Jadou ' Shahab Ahmed Ali Al-Jumaili	Agricultural economics	Agricultural production economics	.Mr	PhD	angel	
A. Mahmoud Hadith Jassim Malouh Al-Jumaili	Agricultural guidance	Adopting agricultural innovations	.Mr	Master's	angel	



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



Mr. Majid Khalil Ali Mohsen Al-Zubaidi	Agricultural guidance	Transfer of agricultural technologies	.Mr	Master's	angel	
Prof. Dr. Yasra Tariq Bakr Hussein Al- Bajari	Agricultural economics	Agricultural production economics	.Mr	PhD	angel	
A. D. Firas Ibrahim Rahim Khaloufi Al-Lahibi	Agricultural economics	Agricultural Marketing	Mr	PhD	angel	
A.M.D. Mohammed Omar Sharif Hazaa Al-Tikriti	Agricultural economics	Agricultural development	assistant professor	PhD	angel	
Dr. Omar Adel Jassim Mohammed Al- Ani	Agricultural economics	Standard Economics	Teacher	PhD	angel	
Dr. Hashim Atallah Abdul Eid Al- Taie	Agricultural economics	Microeconomics	Teacher	PhD	angel	
A.M. Hassib Mahmoud Amin Dahawi Al -Ajili	Agricultural guidance	Guidance training	assistant professor	Master's	angel	
M. Mohammed Kamel Abdullah Nasser Al-Azzawi	economy	Education Economics	Teacher	Master's	angel	
A.M. Raafat Riad Abdel Wahab Samir Al -Fayyadhi	Agricultural guidance	Transfer of agricultural technologies	assistant professor	PhD	angel	
Dr. Munther Saber Mustafa Abdullah	Agricultural economics	Macroeconomics	Teacher	PhD	angel	
Mr. Eng. Abdul Karim Armid Noman	business management	Marketing Management	Assistant Professor	Master's	angel	
M.M. Hadeel Falih Hamid Mohammed Al Shamri	Agricultural economics	Production economics	Assistant Professor	Master's	angel	
M.M. Sarah Saeed Latif Hussein Al- Zubaidi	Agricultural guidance	Agricultural guidance	Assistant Professor	Master's	angel	
Mr. Riyadh Saeed Hamoud Naseef Al- Abidi	Agricultural guidance	Guidance contact	Assistant Professor	Master's	angel	
Mr. Bashar Awad Musa Khalaf Al- Dulaimi	Agricultural guidance	Agricultural guidance	Assistant Professor	Master's	angel	
Prof. Dr. Majeed Hadi Saleh Al-Hamdani Store	Agricultural guidance	Guidance management	Mr	PhD	angel	
Dr. Ilaf Taha Hamid Jassim Al- Douri	Agricultural economics	Macroeconomics	Teacher	PhD	angel	
A.M. Ahmed Sakr Abdullah Hassan Al-Ajili	Agricultural guidance	Guidance management	assistant professor	PhD	angel	



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



Mr. Mohammed Jassim Abdullah Mohammed Al-Jumaili	economy	economy	Assistant Professor	Master's	angel	
M.M. Saad Khalaf Mahous Hamad Al- Jabouri	economy	economy	Assistant Professor	Master's	angel	
A.M. Maha Saeed Shida Juma Al- Nasiri	Agricultural guidance	Guidance training	assistant professor	Master's	angel	
A.M. Mazhar Abdullah Ahmed Abbas Al- Dulaimi	business management	Organizational Theory and Organizational Behavior	Assistant Professor	Master's	angel	
M.A. Ibrahim Mohammed Saleh Dhnoon Al-Jubouri	General Administration	General Administration	Teacher	Master's	angel	
Ms. Lina Tariq Ali Ne'ma Al-Kroui	business management	Financial management	Teacher	Master's	angel	
Dr. Hadeel Ghaleb Hassan Mohammed Al- Douri	Agricultural economics	Macroeconomics	Teacher	PhD	angel	
Dr. Manar Saleh Hamad Hassan Al- Obaidi	Agricultural economics	Agricultural economics	Teacher	PhD	angel	
Dr. Walid Sabbar Ayed Hassan Al Shammari	Agricultural guidance	Adopting agricultural innovations	Teacher	PhD	angel	
Dr. Maher Mustafa Shabib Ghadhban	Agricultural economics	Microeconomics	Teacher	PhD	angel	
M.M. Tasneem Saad Yassin Latif Al- Tikriti	Agricultural economics	Agricultural economics	Assistant Professor	Master's	angel	
M.M. Imad Muzahim Muhammad Marmoos	Agricultural economics	Agricultural economics	Assistant Professor	Master's	angel	
M.M. Nebras Rabie Shaker Mahmoud	Agricultural economics	Agricultural economics	Assistant Professor	Master's	angel	
M.M. Sarah Marbad Taha Bakr Al- Abidi	Agricultural economics	Agricultural economics	Assistant Professor	Master's	angel	
Mr. Mahmoud Essam Suleiman Musa	Agricultural guidance	Agricultural guidance	Assistant Professor	Master's	angel	
M.M. Amani Abbas Fadhel Aziz Al- Dulaimi	Agricultural guidance	Agricultural guidance	Assistant Professor	Master's	angel	
M.M. Safa Iyad Younis Mahmoud Al- Tikriti	Agricultural guidance	Agricultural guidance	Assistant Professor	Master's	angel	



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



M.M. Hassan Haitham Ismail Abdel Razzaq	economy	Economic development and planning	Assistant Professor	Master's	angel	
Mr. Faisal Hussein Saud Ahmed Al - Jawaani	Agricultural economics	Agricultural policy	Assistant Professor	Master's	angel	
M.M. Samer Khalaf Hamid Al- Jubouri	economy	economy	Assistant Professor	Master's	angel	
M.M. Sima Essam Mamdouh Alwan	law	law	Assistant Professor	Master's	angel	
Dr. Omar Baban Abdullah Salman Al- Jabouri	Agricultural economics	Project evaluation	Teacher	PhD	angel	
Mr. M. Khalaf Jassim Saleh Khalaf Al-Jabouri	Agricultural guidance	Agricultural guidance	Assistant Professor	Master's	angel	
Mr. Ali Ibrahim Ayash Mohammed Al- Jabouri	Agricultural economics	Agricultural economics	Assistant Professor	Master's	angel	
M.M. Sara Lazem Mohammed	Agricultural economics	Agricultural economics	Assistant Professor	Master's	angel	
Mr. Sajid Nabil Abdulaziz Abdul Karim Al-Badri	Agricultural economics	Agricultural economics	Assistant Professor	Master's	angel	
Mr. Adnan Ali Ati	Agricultural guidance	Agricultural guidance	Assistant Professor	Master's	angel	
Dr. Arwa Osama Ibrahim Mohammed	Agricultural economics	Agricultural economics	Teacher	PhD	angel	
Dr. Hamad Mahdi Saleh Hussein Al-Jumaili	Agricultural economics	Agricultural economics	Teacher	PhD	angel	
M.M. Amna Hamid Mayouf	Agricultural economics	Agricultural economics	Assistant Professor	Master's	angel	



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



Professional development
Orientation of new faculty members
– Adherence to the instructions of the Iraqi Ministry of Higher Education and Scientific Research (in all its details)
Professional development for faculty members
– Urging and encouraging lecturers to publish research and participate in conferences, seminars workshops and training courses held in the field of general specialization, auditing or the field of academic work in general, and scientific cooperation with various institutions inside or outside the country

13. Acceptance Criteria
According to the instructions of the Iraqi Ministry of Higher Education and Scientific Research

14. The most important sources of information about the program
Textbooks - Lectures by teachers - Internet -

15. Program development plan
1- Attracting the largest possible number of students 2- Increase field visits to government and private projects 3- Encourage students to continue visiting the college or university library 4- Urging students to benefit from summer training in government institutions 5- Improving research projects, whether at the level of doctoral theses and dissertations or graduation research 6- Increase cooperation with various scientific institutions inside and outside Iraq



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension





Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



Program Skills Chart

				Required learning outcomes of the program												
Year/Level	Course code	Course name	Essential or optional	Knowledge				Skills				Values				
				A1	A2	A3	A4	B1	B2	B3	B4	A1	A2	A3	A4	
The first stage 2024-2025		Agricultural economics	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
		mathematics	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
		Animal production	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
		Gardening Basics	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
		Field crops	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
		English language /1	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
		rights	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
		Calculators/1	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
		Social Psychology	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
		rural community	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
		Soil principles	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
		Principles of Industries	essential	√	√	√	√	√	√	√	√	√	√	√	√	√



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



	Agricultural mechanization	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	English language /2	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Calculators /2	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
Phase II 2024-2025	partial theory	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Principles of Statistics	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Guiding principles	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Prevention Basics	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Poultry production	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Calculators /3	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Vegetable production	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	English language /3	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Agricultural Marketing	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Adult Education	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Calculators /4	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	freedom and democracy	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Irrigation and drainage	essential	√	√	√	√	√	√	√	√	√	√	√	√	√



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



		Health and diseases	essential	√	√	√	√	√	√	√	√	√	√	√	√
/ Stage 3 Economy 2024-2025		Partial theory /2	essential	√	√	√	√	√	√	√	√	√	√	√	√
		Macroeconomics /1	essential	√	√	√	√	√	√	√	√	√	√	√	√
		Agricultural statistics methods	essential	√	√	√	√	√	√	√	√	√	√	√	√
		Agricultural accounting	essential	√	√	√	√	√	√	√	√	√	√	√	√
		Farm management	essential	√	√	√	√	√	√	√	√	√	√	√	√
		Sports economics	essential	√	√	√	√	√	√	√	√	√	√	√	√
		Technology transfer	essential	√	√	√	√	√	√	√	√	√	√	√	√
		Macroeconomics /2	essential	√	√	√	√	√	√	√	√	√	√	√	√
		Production economics	essential	√	√	√	√	√	√	√	√	√	√	√	√
		Agricultural cost accounting	essential	√	√	√	√	√	√	√	√	√	√	√	√
		Basics of milk	essential	√	√	√	√	√	√	√	√	√	√	√	√
		Price Analysis	essential	√	√	√	√	√	√	√	√	√	√	√	√
		Monetary fiscal policy	essential	√	√	√	√	√	√	√	√	√	√	√	√
		English language /4	essential	√	√	√	√	√	√	√	√	√	√	√	√



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



/ Stage 3 Guidance 2024-2025	Community development	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Technology transfer	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Guidance methods	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Economic insects	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Jungles and ways to combat them	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Groups and leadership	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Guidance aids and tools	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Guidance communication methods	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Farm management	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Search methods	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Agricultural pest control	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Basics of milk	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
English language /4	essential	√	√	√	√	√	√	√	√	√	√	√	√	√	



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



/ Stage 4 Economy 2024-2025	Agricultural development	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Econometrics/1	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Resource Economics	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Cereal crops	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Agricultural Policy	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Research methods and episodes	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Research project	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Financing and lending	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Econometrics/2	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Project evaluation	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Agricultural planning	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Foreign trade	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Economic thought and systems	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Research project	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Guiding environment	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Guidance training	essential	√	√	√	√	√	√	√	√	√	√	√	√	√



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



Stage 4 Guidance / 2024-2025	Guidance management	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Program planning	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Theories of change	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Graduation research	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Episodes	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Guidance Programs Calendar	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Public relations advisory	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Guidance for rural women and children	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Educational Psychology	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Agricultural extension curricula	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Episodes	essential	√	√	√	√	√	√	√	√	√	√	√	√	√
	Research project	essential	√	√	√	√	√	√	√	√	√	√	√	√	√

Please tick the boxes corresponding to the individual learning outcomes of the

programme being assessed



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



Mandatory (basic)	Stage: First		Subject Name : Rural Sociology		
Planned teaching hours	Hours of theoretical (2) lectures		Practical hours (3)		Number of units: 3
Curriculum Description	study material includes a summary of the most important characteristics of rural society, its basic concepts, methods of social .control, and obstacles to development in rural societies				
The purpose of teaching the curriculum	The course aims to introduce the student to the concept of general ,sociology, rural sociology, adaptation, interaction, socialization .settlement and its patterns, migration, its types and causes				
Learning outcomes	To enable the student to know, understand and apply procedures .related to rural communities				
The textbook	rural community , Written by Salem Khalaf Abdul , 1992				
Semester Estimates	Theoretical semester exams	Practical semester tests	Daily theoretical tests	Final Practical Exam	Final theoretical test
	%25	%10	%5	%20	%40

Topics

The week	Theoretical material	number Watches	Practical material	Number of hours
1	The concept of sociology in general	2	Reports, discussions, and practical .exercises on the theoretical part	3
2	rural community	2	Reports, discussions, and practical .exercises on the theoretical part	3
3	Basic Concepts in the Study of Rural Sociology	2	Reports, discussions, and practical .exercises on the theoretical part	3
4	Socialization	2	Reports, discussions, and practical .exercises on the theoretical part	3
5	social control	2	Reports, discussions, and practical .exercises on the theoretical part	3
6	Social adaptation	2	Reports, discussions, and practical .exercises on the theoretical part	3
7	First month exam	2	review	3
8	Social interaction	2	Reports, discussions, and practical .exercises on the theoretical part	3
9	Elements and characteristics of rural society	2	Reports, discussions, and practical .exercises on the theoretical part	3
10	Settlement and its patterns	2	Reports, discussions, and practical .exercises on the theoretical part	3



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



11	Historical development of population studies	2	Reports, discussions, and practical .exercises on the theoretical part	3
12	Migration types and causes	2	Reports, discussions, and practical .exercises on the theoretical part	3
13	Rural Social Institutions and Social Change	2	Reports, discussions, and practical .exercises on the theoretical part	3
14	Second month exam	2	Reports, discussions, and practical .exercises on the theoretical part	3
15	review	2	review	3

Mandatory (basic)	Stage: First / Economics and Guidance		name : Social Psychology		
Planned teaching hours	Hours of theoretical (2) lectures		Practical hours (3)		Number of units: 3
Curriculum Description	includes an introduction to social psychology, the historical development of social psychology, social upbringing, the role of the .family in social upbringing, and psychology among Muslims				
The purpose of teaching the curriculum	teach the student and get to know the The subject aims to individual and the group, teach the student and get to know the .personality and get to know psychology and family problems				
Learning outcomes	The student should know and understand the vocabulary and topics of the curriculum and be able to apply what he has learned in .reality				
The textbook	Relying on the curriculum prepared by the subject teacher based on the Internet and psychology books				
Semester Estimates	Theoretical semester exams	Practical semester tests	Daily theoretical tests	Final Practical Exam	Final theoretical test
	%25	%10	%5	%20	%40

Topics

The week	Theoretical material	number Watches	Practical material	Number of hours
1	Definitions in social psychology	2	Reports, discussions, and practical exercises on the .theoretical part	3
2	Behavior	2	Reports, discussions, and practical exercises on the .theoretical part	3
3	Socialization	2	Reports, discussions, and practical exercises on the .theoretical part	3
4	Socialization aspects	2	Reports, discussions, and practical exercises on the .theoretical part	3
5	Socialization methods	2	Reports, discussions, and practical exercises on the .theoretical part	3
6	Individual and group	2	Reports, discussions, and practical exercises on the .theoretical part	3
7	review	2	review	3
8	First month exam	2	Reports, discussions, and practical exercises on the .theoretical part	3



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



9	Character	2	Reports, discussions, and practical exercises on the .theoretical part	3
10	Dynamic factors	2	Reports, discussions, and practical exercises on the .theoretical part	3
11	Defensive Tricks	2	Reports, discussions, and practical exercises on the .theoretical part	3
12	Leadership	2	Reports, discussions, and practical exercises on the .theoretical part	3
13	Psychology and family problems	2	Reports, discussions, and practical exercises on the .theoretical part	3
14	review	2	Reports, discussions, and practical exercises on the .theoretical part	3
15	Second month exam	2	review	3



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



Mandatory (basic)	Stage: First		: Subject name mathematics		
Planned teaching hours	Hours of theoretical (2) lectures		Practical hours (3)		Number of units: 1
Curriculum Description	study material includes a summary of the most important mathematical concepts and operations in both Arabic and English, as well as a practical application of these various mathematical .concepts				
The purpose of teaching the curriculum	The course aims to introduce the student to the concept of mathematics, which is considered the window to mastery. The .importance of mathematical concepts in practical life and their uses				
Learning outcomes	To enable the student to know, understand and apply procedures .related to mathematical concepts				
The textbook	,Mathematics and its applications in administrative sciences authored by Dr. Mahmoud Mohammed Al-Bayati, Dr. Dalal Al-Qadi, 2015				
Semester Estimates	Theoretical semester exams	Practical semester tests	Daily theoretical tests	Final Practical Exam	Final theoretical test
	%25	%10	%5	%20	%40

Topics

The week	Theoretical material	number Watches	Practical material	Number of hours
1	Review in Algebra	2	Reports, discussions, and practical exercises on the .theoretical part	3
2	Equations with one variable	2	Reports, discussions, and practical exercises on the .theoretical part	3
3	Inequalities	2	Reports, discussions, and practical exercises on the .theoretical part	3
4	Straight lines and systems of linear equations	2	Reports, discussions, and practical exercises on the .theoretical part	3
5	Functions and drawing	2	Reports, discussions, and practical exercises on the .theoretical part	3
6	First month exam	2	review	3
7	Matrices	2	Reports, discussions, and practical exercises on the .theoretical part	3



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



8	Rules on matrices	2	Reports, discussions, and practical exercises on the .theoretical part	3
9	Derivatives and their applications	2	Reports, discussions, and practical exercises on the .theoretical part	3
10	Higher derivatives	2	Reports, discussions, and practical exercises on the .theoretical part	3
11	Integration and its applications	2	Reports, discussions, and practical exercises on the .theoretical part	3
12	Economic applications of integration	2	Reports, discussions, and practical exercises on the .theoretical part	3
13	Second month exam	2	review	3
14	Third month exam	2	review	3
15	review	2	review	3



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



Planned teaching hours	theoretical	2hours	practical		number of units	2
Description of the curriculum	This course description provides a brief summary of the most important characteristics of the course and the learning outcomes that the student is expected to achieve, demonstrating whether he has made maximum use of the available learning opportunities. It must be linked to the description of the program.					
Course objectives:	1- Recognizing scientific thinking as a civilized approach 2- Recognize the scientific method and the mental method, the features of scientific thinking 3- Getting to know the concept of science, the objectives of science, the classification of sciences, the difference between science and culture, the concept of knowledge. 4- Understand the concepts of the scientific research method 5- Getting to know the data of science and experimental research, concepts, definitions, and variables					
Vertical separation estimates	Theoretical semester tests	Practical quarterly tests	Daily theoretical tests	Final theoretical exam	Final practical test	
	%25	%10	%5	%20	%40	

		Theoretical material	The number of hours		
	1	Glam thinking is a civilized approach The scientific method and the mental method, features of scientific thinking		nothing	
	2	Introduction to scientific research concepts The concept of science, the objectives of the boy, the classification of science, the difference between science and culture, the concept of knowledge		nothing	
	3	Data of science and experimental research, concepts and definitions, variables		nothing	
	4	The rules of the scientific research method, the development of knowledge and the emergence of scientific research		nothing	
	5	Scientific research methodology, the pillars of organized research		nothing	
	6	Research and its method		nothing	



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



		Types and patterns of research forms, the difference between research and report		
	7	Research preparation stages	nothing	
	8	Data collection and tools Sources of data collection - data analysis - eliciting results	nothing	
	9	user form Steps of designing the questionnaire - components of the form - conditions of a good questionnaire - methods of testing the validity of the questionnaire - advantages and disadvantages of the questionnaire	nothing	
	10	Metrics and measuring tools The concept of measurement, types of measurement, confidence and scale, validity and reliability	nothing	
	11	Statistical methods and data analysis techniques	nothing	
	12	The concept of statistics, its fields and stages of the statistical curriculum, methods of data presentation and analysis	nothing	
	13	Rules and controls of citation and texts, citation types, and its rules, footnote, fixation of sources, references and appendices, index of contents, punctuation, punctuation methods in the margin	nothing	
	14	Rules and controls of citation and texts, citation types, and its rules, footnote, fixation of sources, references and appendices, index of contents, punctuation, punctuation methods in the margin	nothing	
	15	Review	nothing	



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



Mandatory (basic)	Stage: First spring course		Name : Computer Applications)2(
Planned teaching hours	Hour of theoretical (1) lectures		Practical hours (2)		Number of units: 1
Curriculum Description	The study material includes a summary of the most important characteristics of the computer, its basic concepts, and its hardware .and software components				
The purpose of teaching the curriculum	Introducing students to the computer and providing a summary of the most important characteristics of the computer, its basic ,concepts, its hardware and software components soft ware and hard ware, and its parts through the programs and applications used in .this aspect				
Learning outcomes	To enable the student to know, understand and apply the procedures .related to computer basics				
The textbook	Introduction to Computer Dr. Abdul Hamid Mahjoub Hamad				
Semester Estimates	Theoretical semester exams	Practical semester tests	Daily theoretical tests	Final Practical Exam	Final theoretical exam
	%25	%10	%5	%20	%40

Topics

The week	Theoretical material	number Watches	Practical material	Number of hours
1	Definition of computer and its types	1	,Reports, discussions and practical exercises .on the theoretical part	2
2	Computer generations	1	,Reports, discussions and practical exercises .on the theoretical part	2
3	Input and output units in the computer	1	,Reports, discussions and practical exercises .on the theoretical part	2
4	- Operating Systems Operating System Basics	1	,Reports, discussions and practical exercises .on the theoretical part	2
5	- TaskbarStart Menu - Dialog Box	1	,Reports, discussions and practical exercises .on the theoretical part	2
6	Create folders, rename a file or folder, and display .properties	1	,Reports, discussions and practical exercises .on the theoretical part	2
7	Delete and restore information and folders	1	review	2
8	First month exam	1	,Reports, discussions and practical exercises .on the theoretical part	2



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



9	Printer management and features	1	,Reports, discussions and practical exercises .on the theoretical part	2
10	Word program, program interface and program bars	1	,Reports, discussions and practical exercises .on the theoretical part	2
11	Practical application	1	,Reports, discussions and practical exercises .on the theoretical part	2
12	Home tab and its groups	1	,Reports, discussions and practical exercises .on the theoretical part	2
13	Practical application	1	,Reports, discussions and practical exercises .on the theoretical part	2
14	Drawer tab and groups	1	,Reports, discussions and practical exercises .on the theoretical part	2
15	review	1	review	2



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



Mandatory (basic)	fall semester Stage: First		Name : Computer Applications		:Code
Planned teaching hours	Hour of theoretical (1) lectures		Practical hours (2)		Number of units: 1
Curriculum Description	The study material includes a summary of the most important characteristics of the computer, its basic concepts, and its hardware .and software components				
The purpose of teaching the curriculum	Introducing students to the computer and providing a summary of the most important characteristics of the computer, its basic ,concepts, its hardware and software components soft ware and hard ware, and its parts through the programs and applications used in .this aspect				
Learning outcomes	To enable the student to know, understand and apply the procedures .related to computer basics				
The textbook	Introduction to Computer Dr. Abdul Hamid Mahjoub Hamad				
Semester Estimates	Theoretical semester exams	Practical semester tests	Daily theoretical tests	Final Practical Exam	Final theoretical exam
	%25	%10	%5	%20	%40

Topics

The week	Theoretical material	number Watches	Practical material	Number of hours
1	Introduction to the computer and its importance in detail	1	,Reports, discussions and practical exercises .on the theoretical part	2
2	Types of computers used	1	,Reports, discussions and practical exercises .on the theoretical part	2
3	: Computer components software components	1	,Reports, discussions and practical exercises .on the theoretical part	2
4	:Computer components Material components)Hardware (	1	,Reports, discussions and practical exercises .on the theoretical part	2
5	:Computer components Material components)Hardware (	1	,Reports, discussions and practical exercises .on the theoretical part	2
6	System unit in computer	1	,Reports, discussions and practical exercises .on the theoretical part	2
7	System unit in computer	1	review	2
8	Microsoft OfficeSuite	1	,Reports, discussions and practical exercises .on the theoretical part	2



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



9	Microsoft Office : Suite Microsoft word program	1	,Reports, discussions and practical exercises .on the theoretical part	2
10	Microsoft word program	1	,Reports, discussions and practical exercises .on the theoretical part	2
11	program Tables	1	,Reports, discussions and practical exercises .on the theoretical part	2
12	program Tables	1	,Reports, discussions and practical exercises .on the theoretical part	2
13	Word printing program	1	,Reports, discussions and practical exercises .on the theoretical part	2
14	Painter program	1	,Reports, discussions and practical exercises .on the theoretical part	2
15	review	1	review	2



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



Mandatory (Basic)	Stage: Second	Subject name: Human Rights	: Code
Teaching hours planned	2 hours of theoretical lectures		Number of units : 2
Curriculum Description	The course description provides human rights images of care and concern in ancient civilizations We also concluded that these rights and freedoms were at the heart of constitutions and international covenants.		
The purpose of teaching The curriculum	The aim of teaching human rights is to focus on or identify the degree of interest of ancient civilizations in the issue of human rights and to know these rights throughout the ages they have passed through The human being is present And in the past .		
Learning outcomes	The course description aims to identify the interest of ancient civilizations in the issue of human rights The human being.		
The textbook	- 1 Human Rights, Children and Democracy(Prof. Dr. Maher Saleh Alawi) Chairman of the Committee Authored by(.Prof Dr. Raad Naji Al-Jaddah,) .ProfDr. Riyadh Aziz Hadi) , .Prof. DrKamel Abdel Spider() 2009)		
Chapter Estimates Academic	Theoretical semester exams	Daily theoretical tests	Final theoretical exams
	% 10	% 30	% 60

The week	Theoretical material	Number of hours	Number of hours
1	Human rights in ancient civilizations	2	2
2	Human rights in Greek civilization	2	2
3	Human rights in ancient Iraqi civilizations	2	2
4	Human rights in ancient Egyptian civilization	2	2
5	Human Rights in Islam	2	2
6	Universal Declaration of Human Rights	2	2
8-7	Constitution of the Republic of Iraq for the year 2005	2	2
10-9	Guaranteeing Human Rights in Islam	2	2
13-11	Charter of the United Nations	2	2
15-14	Human Rights Council	2	2



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



Mandatory (Basic)	stage first	Agricultural machinery and equipment			
Planned teaching hours per week	Hours of theoretical (2) lectures	Practical (3) hours	Number of units: 3		
Curriculum Description	The curriculum covers the basics of agricultural machinery and .equipment from both theoretical and practical aspects				
The purpose of teaching the curriculum	Introducing the student to the types of agricultural machines and equipment, including types of tractors, types of engines, means of ,transmission in the tractor, means of exploiting the tractor's capacity types of soil preparation equipment, smoothing equipment, seeding equipment, fertilization equipment, equipment for serving the growing crop, spraying and dusting equipment, equipment for serving orchards and forests, harvesting and harvesting equipment, calculating the . productivity and costs of using agricultural machines and equipment				
Learning outcomes	After receiving this material, the student will be able to identify the types of machines. The studied agricultural machinery, its requirements and operating methods, in addition to determining the selection of the appropriate type of machinery and equipment for each agricultural . process				
The textbook	Agricultural Machinery and Equipment / Dr. Yassin Hashem Al-Tahhan and Dr. Mohammed Jassim Al-Naama) 2000 (
Semester Estimates	Theoretical semester exams	Practical semester tests	Daily theoretical tests	Final Practical Exam	Final theoretical exam
	25%	10%	5%	20%	40%

Weekly class schedule

The week	Theoretical material	Number of hours	Practical material	Number of hours
1	Introduction to the types of pullers , their uses and the differences between them	2	Learn about the types of tractors in the workshop , their parts and how .to drive them	3
2	Introduction to the types of , internal combustion engines their parts and types, and measuring their capacity and efficiency	2	Watching engine parts in the workshop and showing some films about engine operation	3
3	:Means of transmission in the tug design and operation of each .means of transmission in the tug	2	Identify the means of transmission in the tugboat in terms of types and the .operation of each device in it	3



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



4	Means of exploiting the capacity of the tugboat, its types and ways to benefit from it	2	Identifying the means of exploiting the tug capacity in tugboats and applying this practically in the workshop	3
5	Soil preparation equipment types and uses	2	Learn about soil preparation equipment , its parts and methods of .connecting it to the tractor	3
6	Smoothing equipment types and applications	2	, Learn about smoothing equipment its parts and how to connect it to the tug	3
7	First semester theoretical exam	2	First practical semester exam	3
8	,Seeding Equipment : Types Design and Uses	2	Identifying the parts of the seeders in the workshop , methods of connecting them to the puller, and calibrating them in the laboratory .and field	3
9	Fertilization equipment types and applications	2	and chemical fertilizer fertilization equipment	3
10	,crop service equipment : types applications and methods of use	2	Learn about irrigation , weeding and cultivating equipment	3
11	Spraying and dusting equipment its applications, types, and , .methods of use	2	and dusting equipment, identifying its parts and methods of field calibration	3
12	,and forest service equipment explanation of its types and methods of use	2	Forest Service Equipment : Learn about manual and mechanical .orchard service machines	3
13	,Harvesting equipment : types uses and problems associated with it during work	2	Identify the parts of harvesting equipment and how to calibrate .them	3
14	Calculating the productivity and costs of using theoretical and actual agricultural machines and equipment	2	Practical applications on calculating the productivity and costs of using agricultural machines and equipment	3
15	Second semester theoretical exam	2	Second practical semester exam	3



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



Mandatory (Basic)	Stage: Second	Subject Name: Freedom and Democracy		The symbol
Teaching hours planned	2 hours of theoretical lectures		Number of units : 2	
Curriculum Description	The concept of democracy is one of the most controversial concepts and terms, although it is not a new concept. One of the main reasons for this is not the term itself, but rather its content .and meanings Among different peoples.			
The purpose of teaching The curriculum	The aim of teaching the subject of freedom and democracy is to know .the exercise of power by the people How does he govern himself or delegate it to representatives in power ?			
Learning outcomes	The course description aims to identify successive democracies . through the concept of democracy And its forms.			
The textbook	-1 Human Rights, Children and Democracy(Prof. Dr. Maher Saleh Alawi)) Head of the Authorship Committee(.ProfDr. Raad Naji Al-Jeddah,) .ProfDr. Riyadh Aziz Hadi)), .Prof .DrKamel Abd(2009)			
Chapter Estimates Academic	Theoretical semester exams	Daily theoretical tests	Final theoretical exam	
	%10	30%	60%	

The week	Theoretical material	Number of hours	Number of hours
1	The concept of democracy	2	2
2	Roots of Democracy	2	2
3	Definition of democracy	2	2
4	Democracy between universality and privacy	2	2
5	Forms of democracy	2	2
6	Pillars of the representative system	2	2
8-7	Electoral College	2	2
10-9	Women and Elections	2	2
13-10	Election process	2	2
15-14	Electoral lists	2	2



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



Planned teaching hours	theoretical	2hours	practical		number of units	2
Description of the curriculum	This course description provides a brief summary of the most important characteristics of the course and the learning outcomes that the student is expected to achieve, demonstrating whether he has made maximum use of the available learning opportunities. It must be linked to the description of the program.					
Course objectives:	6- Recognizing scientific thinking as a civilized approach 7- Recognize the scientific method and the mental method, the features of scientific thinking 8- Getting to know the concept of science, the objectives of science, the classification of sciences, the difference between science and culture, the concept of knowledge. 9- Understand the concepts of the scientific research method 10- Getting to know the data of science and experimental research, concepts, definitions, and variables					
Methodical book						
Vertical separation estimates	Theoretical semester tests	Practical quarterly tests	Daily theoretical tests	Final theoretical exam	Final practical test	
	25%	10%	5%	20%	40%	

	Theoretical material	The number of hours		
1	Glam thinking is a civilized approach The scientific method and the mental method, features of scientific thinking			
2	Introduction to scientific research concepts The concept of science, the objectives of the boy, the classification of science, the difference between science and culture, the concept of knowledge			
3	Data of science and experimental research, concepts and definitions, variables			
4	The rules of the scientific research method, the development of knowledge and the emergence of scientific research			
5	Scientific research methodology, the pillars of organized research			
6	Research and its method			



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



	Types and patterns of research forms, the difference between research and report			
7	Research preparation stages			
8	Data collection and tools Sources of data collection - data analysis - eliciting results			
9	user form Steps of designing the questionnaire - components of the form - conditions of a good questionnaire - methods of testing the validity of the questionnaire - advantages and disadvantages of the questionnaire			
10	Metrics and measuring tools The concept of measurement, types of measurement, confidence and scale, validity and reliability			
11	Statistical methods and data analysis techniques			
12	The concept of statistics, its fields and stages of the statistical curriculum, methods of data presentation and analysis			
13	Rules and controls of citation and texts, citation types, and its rules, footnote, fixation of sources, references and appendices, index of contents, punctuation, punctuation methods in the margin			
14	Rules and controls of citation and texts, citation types, and its rules, footnote, fixation of sources, references and appendices, index of contents, punctuation, punctuation methods in the margin			
15	Review			



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



:Code	Name : Computer Applications)3(			Stage: Second Fall Course	Mandatory (basic)
Number of units: 1	Practical hours (2)		Hour of theoretical (1) lectures		Planned teaching hours
The study material includes a summary of the most important characteristics of the computer, its basic concepts, and its hardware .and software components					Curriculum Description
Introducing students to the computer and providing a summary of the most important characteristics of the computer, its basic ,concepts, its hardware and software componentsand its parts through the programs and applications used in this aspect.					The purpose of teaching the curriculum
To enable the student to know, understand and apply the procedures .related to computer basics					Learning outcomes
Introduction to Computer Dr. Abdul Hamid Mahjoub Hamad					The textbook
Final theoretical exam	Final Practical Exam	Daily theoretical tests	Practical semester tests	Theoretical semester exams	Semester Estimates
%40	%20	%5	%10	%25	

Topics

Number of hours	Practical material	number Watches	Theoretical material	The week
2	,Reports, discussions and practical exercises .on the theoretical part	1	PowerPoint program and program interface - Office button and its contents	1
2	,Reports, discussions and practical exercises .on the theoretical part	1	Practical application	2
2	,Reports, discussions and practical exercises .on the theoretical part	1	Program bars, home tab and its contents, drawers tab and its contents	3
2	,Reports, discussions and practical exercises .on the theoretical part	1	Practical application	4
2	,Reports, discussions and practical exercises .on the theoretical part	1	Some concepts used in PowerPoint	5
2	,Reports, discussions and practical exercises .on the theoretical part	1	Practical application	6
2	review	1	Slide View Tab and Details View Tab with Slides and Print Slides	7
2	,Reports, discussions and practical exercises .on the theoretical part	1	First month exam	8



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



2	,Reports, discussions and practical exercises .on the theoretical part	1	How to design videos using PowerPoint	9
2	,Reports, discussions and practical exercises .on the theoretical part	1	Practical application	10
2	,Reports, discussions and practical exercises .on the theoretical part	1	Introduction topaint and how to use it	11
2	,Reports, discussions and practical exercises .on the theoretical part	1	Practical application	12
2	,Reports, discussions and practical exercises .on the theoretical part	1	Tab bar , drawing tools format, insert tab and its groups, and classification tab	13
2	,Reports, discussions and practical exercises .on the theoretical part	1	Practical application	14
2	review	1	review	15



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



Mandatory (basic)	Stage: Second Cos II		Name : Computer Applications)4(
Planned teaching hours	Hour of theoretical (1) lectures		Practical hours (2)		Number of units: 1
Curriculum Description	The study material includes a summary of the most important characteristics of the computer, its basic concepts, and its hardware .and software components				
The purpose of teaching the curriculum	Introducing students to the computer and providing a summary of the most important characteristics of the computer, its basic ,concepts, its hardware and software componentsand its parts through the programs and applications used in this aspect.				
Learning outcomes	To enable the student to know, understand and apply the procedures .related to computer basics				
The textbook	Introduction to Computer Dr. Abdul Hamid Mahjoub Hamad				
Semester Estimates	Theoretical semester exams	Practical semester tests	Daily theoretical tests	Final Practical Exam	Final theoretical exam
	%25	%10	%5	%20	%40

Topics

The week	Theoretical material	number Watches	Practical material	Number of hours
1	Format tab bar drawing tools in word	1	,Reports, discussions and practical exercises .on the theoretical part	2
2	Practical application	1	,Reports, discussions and practical exercises .on the theoretical part	2
3	Page Layout Tab and its Groups	1	,Reports, discussions and practical exercises .on the theoretical part	2
4	Practical application	1	,Reports, discussions and practical exercises .on the theoretical part	2
5	References tab and groups	1	,Reports, discussions and practical exercises .on the theoretical part	2
6	Practical application	1	,Reports, discussions and practical exercises .on the theoretical part	2
7	Correspondence tab and its groups, View tab and its groups, and working with objects inserted in the document	1	review	2



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



8	First month exam	1	,Reports, discussions and practical exercises .on the theoretical part	2
9	Picture Tools Format Tab Bar	1	,Reports, discussions and practical exercises .on the theoretical part	2
10	Practical application	1	,Reports, discussions and practical exercises .on the theoretical part	2
11	Design tab bar of equation tools	1	,Reports, discussions and practical exercises .on the theoretical part	2
12	Practical application	1	,Reports, discussions and practical exercises .on the theoretical part	2
13	Internet	1	,Reports, discussions and practical exercises .on the theoretical part	2
14	Internet	1	,Reports, discussions and practical exercises .on the theoretical part	2
15	review	1	review	2



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



Planned teaching hours	theoretical	2 hours	practical	hours 3	Number of units	3
Curriculum Description	This course description provides a concise summary of the main features of the course and the learning outcomes expected of the student demonstrating whether he or she has made the most of the learning opportunities available. It must be linked to the programme description.					
The purpose of teaching the curriculum	the student with the theoretical foundations of Providing macroeconomics through his knowledge of foreign trade, financial, economic and monetary policies, unemployment, inflation, international trade, economic development and other topics					
The textbook	Introduction to Macroeconomics, Muhammad Ahmad Al-Afandy, 2007, ed., 2007. Principles of Macroeconomics, Fayez Ibrahim Al-Habib, 4th ed., King Saud University, 2004					
Vertical Semester Estimates	Theoretical semester exams	Practical semester tests	Daily theoretical tests	Final theoretical exam	Final Practical Exam	
	%25	%10	%5	%20	%40	

Number of hours	material Practical	Number of hours	Theoretical material	
	function , marginal propensity to import average propensity to import		Foreign trade and national income	1
	.Total leakage Total injection (IE 1 7 1+5)		Determine the equilibrium level of national income	2
	Study of gap size and total leakage and total injection (T 14041-541141)		Government spending and the equilibrium level of income	3
	Measuring the head tax and the balanced budget multiplier		Taxes and their types	4
	Measuring the impact of taxes (proportional to income or indirect) on consumption		- Functions of Money Motives for Demand for Money	5
	How to calculate average cash balance and how to calculate the market value of a bond		The relationship between bond prices and interest rates	6
	How to determine the		Money supply and	7



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



	interest rate by the demand for money, the supply of money, and calculating the volume of deposits		monetary policy	
	IS Curve Applications and Graphics		equilibrium in the goods and services market	8
	Applications and drawings of the LM curve		equilibrium in the money market	9
	The intersection of the 15 curve with the 11 7 1 curve and the determination of the interest rate and the level of real income		Total balance	10
	Examples of creeping inflation and hyperinflation		Inflation	11
	Choosing the price index that is used as a measure of inflation		Demand inflation and expenditure inflation	12
	Different stages of the business cycle		The Phillips Curve and the Dilemma of Mixed Economy Systems	13
	Applications on economic growth		Economic cycles	14
	Mathematical applications about my model Domar and Harrod		Economic growth	15



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



Weekly class schedule

Mandatory (Basic)	Stage 3	Agricultural accounting			
Planned teaching hours per week	Hours of theoretical (2) lectures	Practical (3) hours	Number of units: 3		
Curriculum Description	The curriculum covers the basics of agricultural accounting from the concept and benefits, methods of recording and transferring entries and financial operations, the accounting cycle, record keeping and their applications from both theoretical and practical perspectives				
The purpose of teaching the curriculum	Introducing the student to - the concept of agricultural financial accounting - the benefits of accounting - the development of accounting - identifying the practical procedures for recording accounting operations Budget method - Double entry theory Journal record - Posting to the general ledger - Monitoring Preparing the trial balance with totals . and balances - preparing the financial statements - final accounts				
Learning outcomes	After receiving this course, the student will be able to process cash transactions from an accounting perspective , record financial transactions and transfer them to the records, address errors, and prepare trial balances and final accounts				
The textbook	Agricultural Accounting Book - Written by Dr. Marwan Nassib Al-Barouki 2017				
Semester Estimates	Theoretical semester exams	Practical semester tests	Daily theoretical tests	Final Practical Exam	Final theoretical exam
	25%	10%	5%	20%	40%

Topics

Number of hours	Practical material	Number of hours	Theoretical material	The week
3	Learn about the types of records used in accounting	2	Accounting in agricultural activity - the - concept of agricultural accounting Accounting principles	1
3	Exercises on single entry theory and balance sheet	2	Accounting Terms - The Difference Between Agricultural Accounting and -Cost Accounting	2
3	Practical exercises on the budget equation according to the single entry theory	2	Accounting Theories - Single Entry Theory	3
3	Application of double entry rules	2	Double-entry theory - budget theory or financial position	4
3	First practical semester exam	2	- Proof of accounting transactions recording in the journal	5
3	How to register in the journal	2	Transfer to the general ledger and balance	6



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



3	How to transfer to the general ledger	2	First semester theoretical exam	7
3	Applications on balancing	2	Preparing the trial balance with totals and balances	8
3	Preparing the trial balance . with the balances	2	Agricultural purchases and sales and . their accounting treatment	9
3	Preparing the trial balance in totals	2	Returns and their types - and methods of accounting treatment - cash discount trade discount - allowances -	10
3	Preparing financial statements	2	-Cash discount-trade discount allowances	11
3	Inventory adjustments	2	Inventory and inventory adjustments	12
3	Final accounts	2	Preparing final accounts	13
3	review	2	review	14
3	Second practical semester exam	2	Second semester theoretical exam	15



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



Planned teaching hours	theoretical	hours 2	Number of units	2
Curriculum Description	Teaching undergraduate students foreign trade concepts and theories and its indicators, balance of payments and exchange rate			
The purpose of teaching the curriculum	Teaching and training students on the scientific method of foreign trade and its concepts			
Learning outcomes	After receiving the curriculum, it becomes possible to: administration : Practical poultry nutrition and optimal application of the studied topics for the purpose of reaching Manufacturing and forming successful relationships in this direction			
Semester Estimates	Theoretical semester exams		Practical semester tests	
	25%	10%	5%	20%
	Daily theoretical tests			

	Theoretical material	Number of hours
1	concept commerce Foreign	
2	Shapes policy commerce Foreign	
3	Theories explaining foreign trade	
4	Neoclassical Theories of International Trade	
5	First semester exam	
6	Modern theories in foreign trade	
7	Foreign trade indicators	
8	Balance of payments	
9	Second semester exam	
10	foreign exchange rate	
11	Dumping policy	
12	organized commerce Global	
13	review	
14	Third semester exam	
15	review	



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



Mandatory (Basic)	fourth stage		Groups and leadership		
Planned teaching hours per week	Hours of theoretical (2) lectures		Practical (3) hours		Number of units: 3
Curriculum Description	and related group and leadership approach explains the concept of concepts such as the organizational structures related to them in rural agricultural communities . The approach also reviews Studies The formative trends of each social category and the way in which the agricultural rural community is managed				
The purpose of teaching the curriculum	The curriculum aims to teach and familiarize students with group dynamics, its types and theories. Enabling students to acquire .knowledge and science related to the topic of group dynamics And students gain knowledge And information in area ?What is it Leadership Its importance and development Capabilities Students from during Gain them Knowledge Private In theories Leadership And its types and supply Students With information on Leadership Rural And its importance And its types..				
Learning outcomes	After completing the lectures, the student will acquire knowledge ,related to the field of group dynamics, methods of social interaction and group problems, and provide students with knowledge related to ,the field of types of rural leaders and methods of discovering them and provide students with knowledge in the field of the group in terms of its concept, importance, and types, and provide Students Knowledge And information Related In concept Leadership And its importance And its types In addition to developing students' abilities on how to apply leadership theories in agricultural extension work, and also developing students' abilities on how to identify rural leadership and .ways to discover it As well as training students to use the sociometric method to measure .social relations				
The textbook	,cream slave The patient Abbas (1981) . . Groups ,And leadership institution house Books For printing And publishing , Mosul Iraq Rural groups and leadership , Written by : Professor Dr. Sahab Ayed Yousef - Tikrit University) 2016 (
Semester Estimates	Theoretic al semester exams	Practical semester tests	Daily theoretical tests	Final Practical Exam	Final theoretical exam
	25%	10%	5%	20%	40%



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



Topics

Number of hours	Practical material	Number of hours	Theoretical material	The week
3	Reports, discussions, and practical .exercises on the theoretical part	1	Defining the concept of group, and analyzing the comprehensive definition of group	1
3	Reports, discussions, and practical .exercises on the theoretical part	2	And components Group problems	2
3	Reports, discussions, and practical .exercises on the theoretical part	2	Categories Divide on Its basis Groups	3
3	Reports, discussions, and practical .exercises on the theoretical part	2	concept Interaction Social Levels Interaction Social	4
3	First practical semester exam	2	framework To study community dynamism community	5
3	Reports, discussions, and practical .exercises on the theoretical part	2	Methods Search in dynamism community	6
3	Reports, discussions, and practical .exercises on the theoretical part	2	Goals community	7
3	Reports, discussions, and practical .exercises on the theoretical part	2	First semester theoretical exam	8
3	Reports, discussions, and practical .exercises on the theoretical part	2	concept Leadership and importance Leadership in Guidance Agricultural	9
3	Reports, discussions, and practical .exercises on the theoretical part	2	Theories Leadership Theories	10
3	Reports, discussions, and practical .exercises on the theoretical part	2	Ways to identify and discover local rural leaders	11
3	Reports, discussions, and practical .exercises on the theoretical part	2	Patterns Leadership	12
3	Reports, discussions, and practical .exercises on the theoretical part	2	Types Leadership According to For style Follower in Leadership	12
3	Reports, discussions, and practical .exercises on the theoretical part	2	Types Leadership Rural	13
3	Reports, discussions, and practical .exercises on the theoretical part	2	Types Leaders The countryside Local features Recipes The leader Rural Local	14
3	Second practical semester exam	2	Second semester theoretical exam	15



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



Mandatory (Basic)	fourth stage	Public Relations			
Planned teaching hours per week	Hours of theoretical (2) lectures	Practical hours (3)		Number of units: 3	
Curriculum Description	curriculum explains the concept of public relations and the administrative concepts associated with it, such as the organizational structures of public relations departments in agricultural institutions and organizations . The curriculum also reviews Studies And the worthy trends in shaping the mental image and crisis management and the way in which customer relations are managed				
The purpose of teaching the curriculum	curriculum aims to teach students administrative methods for organizing the work of public relations departments in institutions . And agricultural organizations , and the distribution of activities and tasks to the management departments.				
Learning outcomes	After completing the lectures, the student will acquire knowledge and information related to the concept and nature of public relations . Knowledge of the field of motivations for interest in public relations , information related to the organizational forms of public relations , knowledge related to the public relations process in agricultural extension organizations , in addition to developing students' abilities on how to apply the concept .and nature of public relations in extension work Agricultural How to care for public relations and apply appropriate organizational forms in organizing agricultural guidance				
The textbook	Raouf Hussein ,Al-Zaidi principles Relationships ,General The source ,Kuwait ,2014 Public Relations , Authored by : Professor Sahab Ayed Yousef Tikrit University) 2016 (
Semester Estimates	Theoretical semester exams	Practical semester tests	Daily theoretical tests	Final Practical Exam	Final theoretical exam
	25%	10%	5%	20%	40%

Number of hours	Practical material	Number of hours	Theoretical material	The week
3	Reports, discussions, and practical .exercises on the theoretical part	1	The concept of public relations and its history	1
3	Reports, discussions, and practical .exercises on the theoretical part	2	The difference between public relations and media, the difference between advertising and propaganda, elements of public relations	2
3	Reports, discussions, and practical .exercises on the theoretical part	2	relations Motives for interest in public	3
3	Reports, discussions, and practical .exercises on the theoretical part	2	The concept of public relations and its importance	4
3	First practical semester exam	2	The concept of social interaction Levels of social interaction	5
3	Reports, discussions, and practical .exercises on the theoretical part	2	Public relations jobs and audience	6
3	Reports, discussions, and practical .exercises on the theoretical part	2	Public relations process planning	7
3	Reports, discussions, and practical .exercises on the theoretical part	2	First semester theoretical exam	8
3	Reports, discussions, and practical .exercises on the theoretical part	2	Organizational issues of public relations	9
3	Reports, discussions, and practical .exercises on the theoretical part	2	Public Relations Specialists	10
3	Reports, discussions, and practical .exercises on the theoretical part	2	The role of senior management in the field of public relations	11
3	Reports, discussions, and practical .exercises on the theoretical part	2	Public relations programs design	12
3	Reports, discussions, and practical .exercises on the theoretical part	2	Implementing, monitoring and evaluating the public relations program	13
3	Reports, discussions, and practical .exercises on the theoretical part	2	Stages of the public relations process in agricultural extension organizations	14
3	Second practical semester exam	2	Second semester theoretical exam	15



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



Mandatory (Basic)	Stage 3		Agricultural cost accounting		
Planned teaching hours per week	Hours of theoretical (2) lectures	Practical (3) hours	Number of units: 3		
Curriculum Description	The curriculum covers the basics of agricultural cost accounting in terms of concept, benefits, types of costs, methods of charging costs according to production stations, and identifying methods of processing field accounts, livestock accounts, garden and orchard .accounts, and poultry and bee accounts				
The purpose of teaching the curriculum	Introducing the student to the concept of agricultural cost accounting, its benefits, types of costs, how to process field and crop accounts, automated and human work, orchard accounts, and .livestock accounts from a practical and theoretical perspective				
Learning outcomes	,After receiving this material, the student will be able to process field orchard, crop and livestock accounts, types of costs, methods of charging costs to production units, and how to calculate wages for .and automated labor human				
The textbook	Agricultural Cost Accounting Book - Written by Dr. Hassan Zaki 2018				
Semester Estimates	Theoretic al semester exams	Practical semester tests	Daily theoretical tests	Final Practical Exam	Final theoretical exam
	25%	10%	5%	20%	40%

Topics

The week	Theoretical material	Number of hours	Practical material	Number of hours
1	- Agricultural cost accounting definition - benefits - advantages of agricultural activity - the difference between financial accounting and agricultural cost accounting	2	Types of costs and methods of calculating them	3
2	The nature of agricultural work and its accounting implications - Accounting - for small agricultural establishments Records and documents - Preparing - final accounts and the balance sheet The legal form of the farm - Branches of agricultural activity - Keeping . various simple final accounts	2	Exercises on the cost element of humanitarian work	3
3	Direct and indirect agricultural cost – elements – Labor cost element Material cost element – Expense cost element	2	Practical exercises on the cost element of automated work	3
4	- Agricultural land exploitation methods of leasing agricultural land	2	Field Crop Cost Calculation Exercise	3



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



5	Total cost theory - Actual cost theories Variable cost - Direct cost theory - theory	2	Field Crop Cost Calculation Exercises	3
6	Plant Products Accounting – Field Products Accounting – Field Accounting – Crop Accounting	2	Garden and orchard crop costing exercises	3
7	First semester theoretical exam	2	First practical semester exam	3
8	Garden and orchard products - accounting - fruit nursery accounts the stages that fruit orchards go through	2	Orchard Costing Exercises	3
9	Animal Products Accounting - The Importance of Animal Production in the Farm Economy	2	.Livestock costing exercises	3
10	Methods of processing livestock in - accounts - breeding livestock - working livestock - dairy livestock wool livestock	2	Livestock Cost Calculation Exercise	3
11	Poultry Accounts	2	Dairy cattle account	3
12	Bee accounts	2	poultry account	3
13	Depreciation calculation methods	2	bee account	3
14	review	2	review	3
15	Second semester theoretical exam	2	Second practical semester exam	3



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



Mandatory (Basic)	Stage 3	Agricultural cost accounting			
Planned teaching hours per week	Hours of theoretical (2) lectures	Practical (3) hours	Number of units: 3		
Curriculum Description	The course covers the basics of long-run total , average and marginal cost curves , short-run monopolist equilibrium analysis and long-run .monopolist equilibrium				
The purpose of teaching the curriculum	Teaching the student about prices under oligopoly and duopoly - the Cornet model , teaching the student about the refracted demand model - prices under monopolistic organizations (cartels). Teaching -the student about prices under monopolistic competition in the short .term and long-term				
Learning outcomes	After receiving this material, the student will be able to estimate the optimal sizes and cost levels for agricultural projects in the short and long term, as well as estimate the efficiency levels of productive farms .of various types				
The textbook	Microeconomic Theory and Microeconomics Books by Debertin Fadhila, Al-Afandy and Al-Saadani ,2012				
Semester Estimates	Theoretical semester exams	Practical semester tests	Daily theoretical tests	Final Practical Exam	Final theoretical exam
	25%	10%	5%	20%	40%

Topics

Number of hours	Practical material	Number of hours	Theoretical material	The week
3	Giving the student examples of the cost schedule borne by the facility and mathematical examples of cost derivatives from .the total cost function	2	Facility costs and revenues - Production costs (fixed and variable) - Average costs and marginal costs - Short-run cost curves - Average and marginal cost curves - Relationship between output curves and cost curves	1
3	Giving mathematical examples on deriving the supply function and the supply curve from the cost function - Examples on deriving marginal revenue and average revenue from the total revenue function - Mathematical examples on maximizing profit in the resource market and the output market	2	Long-run cost functions - Long-run total - average and marginal cost curves , Supply curves of goods - Derivation of the supply curve of goods in the short ,and long run - Firm revenues - Total average and marginal revenues - Profit maximization in the supplier market and in the output market	2
3	Give examples of deriving the demand function for a resource from the marginal product value	2	Maximizing return option - Resource demand function - Effects of a change in the price of the resource and a change in	3



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



	curve and applications of changes in the price of the resource and the price of the product		the price of output on the demand for the resource	
3	and supply curves and the state of equilibrium between them	2	Price theory - The nature of market equilibrium in industry and production - unit - Prices under perfect competition - Assumptions of perfect competition Demand curve under perfect competition (production unit and market) - Supply curve (goods per production unit and industry supply) under perfect competition - Market equilibrium product equilibrium and industry) equilibrium) under perfect competition	4
3	Solving examples and explaining the graphs about the market equilibrium in the short and long term and the influencing factors On it	2	Market equilibrium (production unit and industry) in the short term in a perfectly competitive market - Market equilibrium in the long term - Optimal orientation of the supplier - Changes affecting the equilibrium under perfect competition change in demand for the produced goods - change in the costs of producing the goods - imposing taxes on the produced goods) Change in demand for the goods in the case of (Industry with (fixed, increasing and decreasing costs	5
3	Mathematical applications on the - impact of imposing total taxes on Each unit - on profits) on equilibrium in a perfectly competitive market	2	Change in production costs (increase in (fixed costs - Increase in variable costs Imposing taxes on produced goods (total taxes - tax on each produced unit - taxes (on profits	6
3	First practical semester exam	2	First semester theoretical exam	7
3	Solving examples about , monopoly , its effects , causes and its difference from the perfectly competitive market	2	Prices under perfect monopoly - Nature and factors of monopoly - Market equilibrium under perfect monopoly	8
3	Explain the graphs related to the monopolist's equilibrium in the short and long run and clarify the derivations that show the relationship between marginal revenue, the price of the commodity, and the elasticity of .demand	2	Monopolist Equilibrium in the Short Run Monopolist Equilibrium in the Long — Run	9
3	Explaining the fees related to the change in demand for the commodity , the change in	2	The impact of changes in demand for produced goods, changes in production costs (variable and fixed), and imposing	10



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



	production costs, and the imposition of taxes on the monopolist's equilibrium		taxes on produced goods on the monopolist's equilibrium	
3	Give mathematical examples about a product with multiple production units and maximizing its profits. Give mathematical examples about monopolistic .discrimination	2	Monopolistic product with multiple production units and conditions for maximizing profit - Monopoly discrimination - Determinants of the monopoly power of the product	11
3	Mathematical examples of the courant model	2	- Prices under oligopoly and duopoly Model Cornet	12
3	Give examples About the order model for the broken	2	The Demand-Refraction Model - Prices Under Monopolistic Regulations (the (cartel	13
3	review	2	review	14
3	Second practical semester exam	2	Second semester theoretical exam	15



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



Planned teaching hours	theoretical	hours 2	practical	hours 3	Number of units	3
Curriculum Description	This course description provides a concise summary of the main features of the course .the learning outcomes expected of the student					
The purpose of teaching the curriculum	1- Understanding the concept of agricultural statistics - the relationship of .agricultural statistics to other sciences 2- Understand the concept and importance of agricultural census - Agricultural - census methods 3- Understanding the agricultural census - Sources of errors in the agricultural .census - Steps for implementing the agricultural census 4- Index analysis using aggregate formulas, simple aggregate method - weighted aggregate method 5- Identifying agricultural production indicators - commodity balances for food .products 6- Teaching the student about labor statistics, number of workers - composition of the labor force					
The textbook	.Agricultural Statistics, Al-Hayali , Ali Darb Kassar, 1st ed., University of Baghdad. 20					
Vertical Semester Estimates	Theoretical semester exams	Practical semester tests	Daily theoretical tests	Final theoretical exam	Final Practical Exam	
	25%	10%	5%	20%	40%	

	Theoretical material	Number of hours	Practical material	Number of hours
1	The concept of agricultural statistics - the relationship of agricultural statistics to other sciences			
2	The concept and importance of the agricultural census - Agricultural census methods - Conditions that must be met in the agricultural census - Sources of errors in the agricultural census - Steps for implementing the agricultural census			
3	- Time Series, Introduction and Definitions Time Series Analysis - Time Series Analysis Models (Aggregate Model - Coordinate Model)			
4	Methods of determining the general direction method Hand drawing - Quasi-average) method - Moving average method - Least - squares method) - Changing trend equations Changing base year - Changing equations - from annual to monthly or quarterly			



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



	Exercises			
5	,Methods of calculating seasonal changes average method - method of ratio to moving - averages - excluding the seasonal effect - using the seasonal index in forecasting exercises			
6	Periodic and irregular changes, measuring - periodic changes, irregular changes exercises			
7	- Standard numbers, definition and use - Methods of constructing standard numbers Features of standard numbers			
8	Calculating index numbers, index number - using levels - simple level method arithmetic mean of levels - geometric mean - of levels - harmonic mean of levels exercises			
9	Index using aggregate formulas, simple aggregate method - weighted aggregate method - Laspeyres number - Paasche number - Marshall number - Fisher 's optimal number - Index numbers using chain or moving base method - changing the base year Exercises			
10	total land size and composition — Land — balance — Cultivated and cultivated land Economic valuation of land — Land productivity indices — Exercises			
11	Agricultural production statistics, the concept - of agricultural production and its statistics - Agricultural production indicators - Commodity balances for food products Monetary estimation of agricultural production - Analysis of change in agricultural production - Exercises			
12	- Labor statistics, number of workers composition of the labor force - labor movement - working time - labor productivity - wages - exercises			
13	- ,Agricultural statistics in Iraq			
14	The emergence and development of agricultural statistics			
15	The most important agricultural statistics in Iraq			



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



Planned teaching hours	theoretical	2 hours	practical	hours 3	Number of units	3
Curriculum Description	This course description provides a concise summary of the main features of the course and the learning outcomes expected of the student demonstrating whether the student has made the most of the learning opportunities available. It must be linked to the programme description.					
The purpose of teaching the curriculum	the student with the theoretical foundations of Providing ,macroeconomics through his knowledge of foreign trade, financial ,economic and monetary policies, unemployment, inflation .international trade, economic development and other topics					
The textbook	Introduction to Macroeconomics, Muhammad Ahmad Al-Afandy, 2nd ed., 2007. Principles of Macroeconomics, Fayez Ibrahim Al-Habib, 4th .ed., King Saud University, 2004					
Vertical Semester Estimates	Theoretical semester exams	Practical semester tests	Daily theoretical tests	Final theoretical exam	Final Practical Exam	
	25%	10%	5%	20%	40%	

Number of hours	material Practical	Number of hours	Theoretical material	
1	function , marginal propensity to import, average propensity to import	1	Foreign trade and national income	1
2	.Total leakage Total injection (IE 1 7 1+5)	2	Determine the equilibrium level of national income	2
3	Study of gap size and total leakage and total injection (T (541141-14041	3	Government spending and the equilibrium level of income	3
4	Measuring the head tax and the balanced budget multiplier	4	Taxes and their types	4
5	Measuring the impact of taxes proportional to income or) .indirect) on consumption	5	- Functions of Money Motives for Demand for Money	5
6	How to calculate average cash balance and how to calculate the market value of a bond	6	The relationship between bond prices and interest rates	6
7	How to determine the interest ,rate by the demand for money the supply of money, and calculating the volume of deposits	7	Money supply and monetary policy	7



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



8	IS Curve Applications and Graphics	8	equilibrium in the market for goods and services	8
9	Applications and drawings of the LM curve	9	equilibrium in the money market	9
10	The intersection of the 15 curve with the 11 7 1 curve and the determination of the interest rate and the level of real income	10	Total balance	10
11	Examples of creeping inflation and hyperinflation	11	Inflation	11
12	Choosing the price index that is used as a measure of inflation	12	Demand inflation and expenditure inflation	12
13	Different stages of the business cycle	13	The Phillips Curve and the Dilemma of Mixed Economy Systems	13
14	Applications on economic growth	14	Economic cycles	14
15	Mathematical applications about my model Domar and Harrod	15	Economic growth	15



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



3	Number of units	hours 3	practical	2 hours	theoretical	Planned teaching hours
Teaching undergraduate students the basics of agricultural planning Initial criteria for investment planning and						Curriculum Description
Teaching and training students on the scientific method of agricultural planning						The purpose of teaching the curriculum
Prof. Dr. Salem Tawfiq Al-Najmi and Prof. Dr. Ismail Obaid Hammadi						The textbook
Final Practical Exam	Final theoretical exam	Daily theoretical tests	Practical semester tests	Theoretical semester exams	Vertical Semester Estimates	
%40	%20	%5	%10	%25		

Number of hours	Lecture title	The week	
2	Planning and types of agricultural plans	First week	1
2	General framework of the agricultural plan and the main components of planning	The second week	2
2	Basic conditions for the agricultural plan	The third week	3
2	Stages of developing an agricultural plan Growth rate in agricultural plans	Week 4	4
2	Steps and methods for developing an agricultural production plan	Week 5	5
2	First month exam	Week 6	6
2	Agricultural investment planning	The seventh week	7
2	Initial criteria for investment planning	Week 8	8
2	Farm production planning	Week 9	9
2	Difficulties in agricultural technology transfer	The tenth week	10
2	Pricing and Marketing Policy	Week eleven	11
2	Second month exam	twelfth week	12
2	Loan patterns required in advanced agricultural conditions	thirteenth week	13
2	General review	Fourteenth week	14



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



Planned teaching hours	theoretical	hours 2			
Curriculum Description	Teaching undergraduate students the basics of agricultural and Arab agricultural economic integration economic development				
The purpose of teaching the curriculum	Teaching and training students on the scientific method of .agricultural economic development				
The textbook	Dr. Salem Tawfiq Al-Najfi, University of Mosul, Dar Al-Kutub for .Printing and Publishing, 2nd ed., 1994				
Vertical Semester Estimates	Theoretical semester exams	Practical semester tests	Daily theoretical tests	Final theoretical exam	Final Practical Exam
	%10	%40	%25	%5	%20

Learning outcomes : After receiving the curriculum, it becomes possible to: administration Economic development in a practical way and applying the studied topics in the best way for .the purpose of reaching Manufacturing and forming successful relationships in this direction

Number of hours	Lecture title	The week	
2	Agricultural economic development	First week	1
2	Agricultural economic development	The second week	2
2	Agricultural economic development	The third week	3
2	Agricultural economic development	Week 4	4
2	First month exam	Week 5	5
2	Economic development theory	Week 6	6
2	Economic development theory	The seventh week	7
2	Economic development theory	Week 8	8
2	Foundations of agricultural economic development	Week 9	9
2	Foundations of agricultural economic development	The tenth week	10
2	Second month exam	Week eleven	11
2	Arab agricultural economic development and integration	twelfth week	12
2	Arab agricultural economic development and integration	thirteenth week	13
2	Iraqi agricultural economic development	Fourteenth week	14
2	Iraqi agricultural economic development	Week 15	15

Planned teaching hours	theoretical	2 hours	practical	hours 3	Number of units	3
Curriculum Description	Teaching fourth-year agricultural extension students the concept of the extension evaluation process, areas of evaluation and its objectives					
The purpose of teaching the curriculum	Teaching and training students on the scientific method of how to postpone the evaluation process					
The textbook	Preparing lectures from scientific sources and previous studies					
Vertical Semester Estimates	Theoretical semester exams	Practical semester tests	Daily theoretical tests	Final theoretical exam	Final Practical Exam	
	%10	%40	%25	%5	%20	

Learning outcomes : After receiving the curriculum, it becomes possible to: Conducting the evaluation process in a practical manner and applying the studied topics in the best possible way in order to reach Successful evaluation results

Number of hours	material Practical	Number of hours	Theoretical material	
3	Comparison between the old and modern concept	2	The concept and definition of the evaluation process	1
3	Applications on the importance of the calendar	2	The importance of evaluation and the principles of evaluation	2
3	Applications at the levels of the calendar	2	Evaluation levels	3
3	Applications on calendar fields	2	Evaluation areas	4
3	Applications on the evaluation of guidance programs	2	Guidance Programs Evaluation	5
	First semester exam		First semester exam	6
3	Applications on types of calendars	2	Follow-up and its relationship to evaluation and the difference between them	7
3	Applications on structural calendar	2	Types of evaluation (structural)	8
3	Applications on the cumulative calendar	2	Cumulative assessment	9
	Second semester exam		Second semester exam	10
3	Applications to behavioral changes	2	Behavioral changes	11



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



3	Applications on the adoption process and its models	2	Measuring Technology Adoption and Diffusion	12
3	Applications on the relationship between measurement and evaluation	2	The relationship between measurement and evaluation	13
3	Applications on the steps of the evaluation process	2	Steps of the evaluation process	14
3	Applications on data collection tools	2	Data collection tools	15



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



Planned teaching hours	theoretical	2 hours	practical	hours 3	Number of units	3
Curriculum Description	Teaching fourth-year agricultural extension students the concept of theories of social change, its causes and factors					
The purpose of teaching the curriculum	Teaching and training students on the scientific method of social .change and its theories					
The textbook	Preparing lectures from scientific sources and previous studies					
Vertical Semester Estimates	Theoretical semester exams	Practical semester tests	Daily theoretical tests	Final theoretical exam	Final Practical Exam	
	%25	%10	%5	%20	%40	

outcomes : After receiving the curriculum, students will be able to understand social .change, its forms, and the theories that explain change

Number of hours	material Practical	Number of hours	Theoretical material	
3	Comparison between old and modern change	2	The concept of the process of social change , some definitions of social change, old and modern	1
3	,Applications on the forms sources and mechanisms of change	2	Forms, mechanisms and sources of social change	2
3	Applications on the difference between them	2	,The difference between change progress and development	3
3	Applications on trends in social progress	2	Trends in social development and progress	4
3	Applications on social and cultural change	2	Definition of social change and civilizational change	5
	First semester exam		First semester exam	6
3	Applications on types of change	2	What is meant by social and cultural ?change	7
3	Applications of the comparative concept	2	Social change in a comparative sense	8
3	Applications on the causes and factors of change	2	Causes and factors of social change	9
	Second semester exam		Second semester exam	10
3	Applications to social change processes	2	The processes involved in social change	11
3	Applications of Social Change Theories	2	Theories of social change	12
3	Applications of circular theory	2	Partial Circular Theory	13
3	Applications on direct and indirect methods	2	Social Change Communication Methods	14
3	General review	2	General review	15



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



Planned teaching hours	theoretical	hours 2	practical	hours 3	Number of units	3
Curriculum Description	This course description provides a concise summary of the main characteristics of the course and the learning outcomes expected of the student, demonstrating whether he has made the most of the learning opportunities available, and must be linked to the programme description.					
The purpose of teaching the curriculum	Introducing the student to logical thinking and the ability to reason, deliberate and take time in the rulings of generalization, to general concepts of scientific research and its methods, to become familiar with the cognitive aspect as well as science and its specifications and characteristics, and social research methods, their types and uses, as well as to become familiar with the rules of the scientific method, the development of knowledge, and the emergence of scientific research, analysis of quotations and texts, types of quotations and their rules, footnotes, establishing sources and references, as well as the skill of thinking according to the student's ability and that the goal of this skill is that the goal of this skill is for the student to believe in what is tangible, when, what and how he should think and work to improve the ability to think reasonably.					
The textbook	The book of Social Research Methods, authored by Dr. Jabr Majeed (1992), The book of Scientific Research Methods, authored by Dr. Muhammad Sarhan Ali Al-Mahmoudi)2019(
Vertical Semester Estimates	Theoretical semester exams	Practical semester tests	Daily theoretical tests	Final theoretical exam	Final Practical Exam	
	%25	%10	%5	%20	%40	

	Theoretical material	Number of hours	Practical material	Number of hours
1	The concept of science and the scientific method in research	2		3
2	Steps to implement scientific research	2		3
3	Types of social research	2		3
4	Choosing a research title, how to formulate a problem, how to write a research question, how to formulate the objective ,how to formulate a research hypothesis writing the importance of the research, and setting operational definitions.	2		3
5	Writing a bibliography, how to select .previous studies	2		3
6	,Samples, their types and testing methods ,methods of collecting information and data and examining validity and reliability	2		3
7	First month exam	2	First month exam	3
8	Research methodology and research method, research community, research	2		3



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



	area, data collection tools and .questionnaire design			
9	Use of margins How to write sources Action research	2		3
10	?What is action research Action research steps	2		3
11	Action research steps	2		3
12	Results and discussion Creating and using tables	2		3
13	Writing a research report	2		3
14	Second month exam	2	Second month exam	3
15	Comprehensive review , optional third exam	2	Comprehensive review , optional third exam	3



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



Mandatory (basic)	Stage: Fourth Agricultural Economics		Name : Natural Resources and Environmental Economics		
Planned teaching hours	Hours of theoretical (2) lectures	Practical hours (0)		Number of units: 2	
Curriculum Description	This course description provides a concise summary of the main features ,of the course and the learning outcomes expected of the student demonstrating whether the student has made the most of the learning .opportunities available. It must be linked to the program description				
The purpose of teaching the curriculum	The course aims to introduce the student to: Definition of natural resources science - Importance of natural resources - Classification of natural resources - Economic controls for the independence of natural resources				
Learning outcomes	To enable the student to know, understand and apply the procedures related to understanding the presentation of land resources - the concept of presentation of land resources Water resources analysis - Water resources supply - Water resources .demand Identifying Water Resources in Iraq - Presentation of Water Resources in .Iraq , Understand human resources - population size				
The textbook					
Semester Estimates	Theoretical semester exams	Practical semester tests	Daily theoretical tests	Final Practical Exam	Final theoretical exam
	%25	%10	%5	%20	%40

Topics

The week	Theoretical material	number Watches	Practical material	Number of hours
1	- Definition of natural resources science Importance of natural resources Classification of natural resources - Unilateral controls for the independence of natural resources	2	nothing	2
2	— Land Resource Economics — Land Concepts Land Functions — Interaction between Land Resources and Civilization and Major Problems of Land Economy and Related Policies	2		2
3	Demand for land - Factors affecting demand for land - Land uses - Capacity and independence of land - Best and most efficient use of land	2		2
4	- Land density and factors affecting land density - Intensive agriculture - Light agriculture Intensive and light limits in agricultural land use	2		2
5	Land materials display The concept of land resources display The applied display - The	2		2



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



	economic display - The possibility of increasing the economic display of land resources			
6	- Rent - Concept of rent - Theories of rent Classical theory of rent (Ricardo's theory) Criticisms - Which was directed to Ricardo's theory of rent The modern theory of rent - The factors leading to the rise in agricultural land rent - The economic importance of rent - The social importance of rent Quasi-rent and opportunity costs -	2		2
7	First month exam	2		2
8	- Agricultural land resources evaluation Evaluation requirements - Land evaluation methods - Choosing the appropriate evaluation method - Factors affecting agricultural land values - Land evaluation purposes	2		2
9	Agricultural tenure - The concept of agricultural tenure - Types of tenure - Characteristics of tenure - Some agricultural tenure systems - Tenure	2		2
10	- The reality of land resources in Iraq Agricultural land resources in Iraq - Problems facing Iraqi soils	2		2
11	- Water Resources - Water Resources Supply Water Resources Demand - Water Resources in Iraq - Water Resources Supply in Iraq - Water Resources Demand in Iraq	2		2
12	Human resources - Population size - Labor force - size - Economic structure of the population Population density and growth - Relationship - between human resources and land resources Optimal population size - Methods of achieving optimal population size - Human resources in Iraq	2		2
13	Natural Resources Conservation - The Concept of Natural Resources Conservation - Factors Affecting the Conservation and Maintenance of Natural Resources Conservation and Maintenance of Natural Resources in Iraq Conservation and Maintenance of Soil Resources - Conservation and Maintenance of Water Resources - Conservation and Maintenance of Human Resources	2		2
14	Second month exam	2		2
15	review	2		2



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



Mandatory (basic)	Stage: Fourth / Guidance		Subject name : Guidance environment		
Planned teaching hours	Hours of theoretical (2) lectures	Practical hours (3)		Number of units: 3	
Curriculum Description	study material includes a summary of the most important characteristics of the environment, its types and classifications, and ways to address the .problems of the environment of guidance organizations				
The purpose of teaching the curriculum	The course aims to introduce the student to the concept of the environment, its definition , the elements of the environment, the types of environments, the importance of studying the environment, and .learning about the classification of the environment				
Learning outcomes	The student should know and understand the vocabulary and topics of .the curriculum and be able to apply what he has learned in reality				
The textbook	Relying on the curriculum prepared by the subject teacher based on websites, environmental books and organizations				
Semester Estimates	Theoretical semester exams	Practical semester tests	Daily theoretical tests	Final Practical Exam	Final theoretical test
	%25	%10	%5	%20	%40

Topics

Number of hours	Practical material	number Watches	Theoretical material	The week
3	Reports, discussions, and practical exercises on the .theoretical part	2	Environment concept and definition	1
3	Reports, discussions, and practical exercises on the .theoretical part	2	Environmental elements	2
3	Reports, discussions, and practical exercises on the .theoretical part	2	The importance of studying the external environment	3
3	Reports, discussions, and practical exercises on the .theoretical part	2	The internal environment of the organization and its factors	4
3	Reports, discussions, and practical exercises on the .theoretical part	2	External environment and its factors	5
3	Reports, discussions, and practical exercises on the .theoretical part	2	External environment classification	6
3	review	2	First month exam	7
3	Reports, discussions, and practical exercises on the .theoretical part	2	daft classification	8



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



3	Reports, discussions, and practical exercises on the .theoretical part	2	Amri and Trust Rating	9
3	Reports, discussions, and practical exercises on the .theoretical part	2	Katz and Kahn classification	10
3	Reports, discussions, and practical exercises on the .theoretical part	2	and Stolker Studies	11
3	Reports, discussions, and practical exercises on the .theoretical part	2	Facing environmental odds	12
3	Reports, discussions, and practical exercises on the .theoretical part	2	Thompson's Maneuvering Letters	13
3	Reports, discussions, and practical exercises on the .theoretical part	2	Environmental strategies	14
3	review	2	Second month exam	15



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



Mandatory (basic)	Stage: Fourth Agricultural Economics		Subject Name : Economic Thought and Systems		
Planned teaching hours	Hours of theoretical (2) lectures		Practical hours (0)		Number of units: 2
Curriculum Description	This course description provides a concise summary of the main features ,of the course and the learning outcomes expected of the student demonstrating whether the student has made the most of the learning .opportunities available. It must be linked to the program description				
The purpose of teaching the curriculum	The course aims to introduce the student to the definition of classical thought, to the classical schools, to the modern thinkers , and to the new .thinkers				
Learning outcomes	To enable the student to know, understand and apply the procedures related to students understanding how to do the methods of thinking and objective analysis. Providing students with the basics of the course and .additional topics and asking intellectual questions				
The textbook					
Semester Estimates	Theoretical semester exams	Practical semester tests	Daily theoretical tests	Final Practical Exam	Final theoretical exam
	%35	%	%5	%	%60

Topics

The week	Theoretical material	number Watches	Practical material	Number of hours
1	Classical thought	2	nothing	2
2	Classical schools	2		2
3	Characteristics of classical thought	2		2
4	Disadvantages of classical thought	2		2
5	The modernists	2		2
6	Marxist socialist thought	2		2
7	Second month exam	2		2
8	Characteristics of Marxist socialist thought	2		2
9	Disadvantages of Marxist Socialist Thought	2		2
10	Capitalist thought	2		2
11	Characteristics and defects of capitalist thought	2		2
12	Islamic thought	2		2
13	Modern capitalist thought economic globalization	2		2
14	Second month exam	2		2
15	review	2		2



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension



Mandatory (basic)	Stage: Third		Name : Dairy Principles		Code:001220
Planned teaching hours	Hours of theoretical (2) lectures	Practical hours (3)		Number of units: 3	
Curriculum Description	General Dairy Basics				
The purpose of teaching the curriculum	.and biological composition included in the curriculum				
Learning outcomes	Teaching the student how to conduct sensory evaluation of milk, the effect of heat treatments on the chemical composition of milk, methods of examining milk adulteration, and how to make yogurt and cheese and .their types				
The textbook	General dairy principles				
Semester Estimates	Theoretical semester exams	Practical semester tests	Daily theoretical tests	Final Practical Exam	Final theoretical test
	%25	%10	%5	%20	%40

Topics

Number of hours	Practical material	number Watches	Theoretical material	The week
3	Milk general composition	2	A brief history of milk	1
3	Measure fat percentage	2	Factors affecting milk production	2
3	Protein measurement	2	General composition of milk	3
3	Ash content measurement	2	Chemical properties of milk	4
3	humidity measurement	2	Physical properties of milk	5
3	Identifying milk fraud	2	Microorganisms in milk	6
3	milk pasteurization	2	milk pasteurization	7
3	pasteurization	2	pasteurization	8
3	Lactose measurement	2	Milk proteins	9
3	Pearson square	2	Milk fat	10
3	Milk density measurement	2	Physiology of milk production	11
3	Measurement of milk acidity	2	Physiology of animal udder	12
3	Acidity of milk	2	Hormones responsible for milk production	13
3	General review	2	General review	15-14



Academic Curriculum Preparation Form
Tikrit University
Faculty of Agriculture
Department of Economics and Agricultural
Extension

