

COURSE LIST Institute of Natural and Applied Sciences

Field : Agricultural Economics

Course Title	Code	ECTS Credit	COMU Credit	Lecturer
Research Methods on Social Sciences	ULP-21-TE001	7.5	3	Yrd. Doç. Dr. Duygu Aktürk
Monitoring and Evaluation in Agricultural Extension	ULP-21-TE002	7.5	3	Prof. Dr. Taner Kumuk
Diffusion of Innovations and Social Changes at Rural Communities	ULP-21-TE003	7.5	3	Prof. Dr. Taner Kumuk
Planning of Agricultural Extension Work	ULP-21-TE004	7.5	3	Prof. Dr. Taner Kumuk
European Union and Turkish Agriculture	ULP-21-TE005	7.5	3	Prof. Dr. Taner Kumuk
Production Functions	ULP-21-TE006	7.5	3	Yrd. Doç. Dr. Duygu Aktürk
Macro Economics	ULP-21-TE007	7.5	3	Yrd. Doç. Dr. Duygu Aktürk
Farm Management and Planning	ULP-21-TE008	7.5	3	Yrd. Doç. Dr. Duygu Aktürk
Farming Systems Research and Extension	ULP-21-TE009	7.5	3	Prof. Dr. Tane Kumuk
Economic Theory and	ULP-21-TE010	7.5	3	Yrd. Doç. Dr.

Agricultural Policy Analyses				Sibel Tan
Research Methods in Agricultural Marketing	ULP-21-TE011	7.5	4	Yrd. Doç. Dr. Duygu Aktürk
Financial Cooperation in the Full Membership Process to the European Union, The EU Grant Projects, The EU Project Cycle Management	ULP-21-TE012	7.5	3	Yrd. Doç. Dr. Sibel Tan
Pc Applications in Economic Research	ULP-21-TE013	7.5	4	Yrd. Doç. Dr. Ferhan Savran
Advanced Econometrics	ULP-21-TE014	7.5	3	Yrd. Doç. Dr. Duygu Aktürk
Agricultural Policies in Turkey and Its Applications	ULP-21-TE015	7.5	3	Prof. Dr. Taner Kumuk

Course Code	ULP-21-TE001
Name of the Course in English	Research Methods on Social Sciences
Name of the Course in Turkish	Sosyal Bilimlerde Araştırma Yöntemleri
Language of the Course	Turkish – English
Level of the Course	Master

Lecturer	Yrd. Doç. Dr. Duygu AKTÜRK
ECTS Credit	7,5
COMU Credit	3
Description	The basic concepts for research methods in scientific studies. Parameters (dependent, independent variables, continuous and discontinuous parameters, relation types). Research and hypothesis that will be the references for social sciences. The structure and the types of research design. Methods of collecting data, the rules that must be obeyed in making queries.

Course Code	ULP-21-TE002
Name of the Course in English	Monitoring and Evaluation in Agricultural Extension
Name of the Course in Turkish	Tarımsal Yayımında İzleme ve Değerlendirme
Language of the Course	Turkish – English
Level of the Course	Master
Lecturer	Prof. Dr. Taner KUMUK
ECTS Credit	7,5
COMU Credit	3
Description	Monitoring and Evaluation: A Management Perspective (Managing Development Projects, The Monitoring Focus for the Management Information System, Monitoring and Evaluation as Distinct Function, Situation Monitoring and Evaluation Systems within a Management Hierarchy, Project Management View of Evaluation), Monitoring and the Management Information System (System Design, Information Users and Their Needs, The Hierarchy of Project Objectives, The Project Intervention Model and Target Specification, Review of Existing Information Systems, Supplementary Data Collection and Recording, Structure and Resources, Cost of the Information System), Monitoring of Physical and Financial Progress (Fundamentals of

	<p>Physical and Financial Monitoring, Operation of Physical and Financial Monitoring System, Data in the System, Scheduling and Costing Analysis), Beneficiary Contact Monitoring (What to Ask, Formal Sampling, Selection of Indicators, Beneficiary Contact Indicators, Output Indicators, Explanatory and External Indicators), Follow-up Diagnostic Studies for Monitoring</p> <p>(Diagnosing and Solving Problems, Diagnostic Studies Linked to the Monitoring System, Sources of Data,</p> <p>Planning a Diagnostic Study), Communicating Information (Findings, Interpretations and Recommendations, Style of Presentation, Modes of Communication, Utilization and Management), Evaluation: Substantive Focus and Types (Internal Ongoing Evaluation, Focuses of Formal Evaluation, The Project Cycle and Types of Evaluations), Measurement of Production Increases: Methods and Limitations, Special Topics in Impact Evaluations (Income and Living Standards, Nutrition, Target Group Participation, The Status and Role of Women, The Environment).</p>
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Course Code	ULP-21-TE003
Name of the Course in English	Diffusion of Innovations and Social Changes at Rural Communities
Name of the Course in Turkish	Kırsal Toplumlarda Sosyal Değişimler ve Yeniliklerin Yayılması
Language of the Course	Turkish – English
Level of the Course	Master
Lecturer	Prof. Dr. Taner KUMUK
ECTS Credit	7,5
COMU Credit	3
Description	<p>Information Technology and its Diffusion (Why Information Technology?, Determinants of Effective Diffusion), An Analytical Framework for</p> <p>Information Technology Diffusion (Information Technology</p>

	<p>Diffusion Phases, Adoption Stages and Barriers to Information Technology Diffusion, Information Technology Users, Information Technology Policy Mechanisms in the U.K), National Information Technology Policy Portfolios (It Diffusion and the Policy Portfolio, Country</p> <p>Policy Portfolios, Trends in National Policy and Program Portfolios, Government and Strategy), Information</p> <p>Technology Diffusion Programs (Program Categories, Technology Capability Programs, Diffusion Programs,</p> <p>Bridging Programs, Interagency Programs, International Programs), Design Rules-of-Thumb for Policymakers</p> <p>(Technology Portfolios, Design Criteria, Delivery Mechanisms, Management and Administration), Implications for Developing Countries (Barries to Information Technology Diffusion, Designing National Strategies, Implications for Designing Diffusion Programs).</p>
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Course Code	ULP-21-TE004
Name of the Course in English	Planning of Agricultural Extension Work
Name of the Course in Turkish	Tarımsal Yayım Çalışmalarının Projelendirilmesi
Language of the Course	Turkish – English
Level of the Course	Master
Lecturer	Prof. Dr. Taner KUMUK
ECTS Credis	7,5
COMU Credit	3
Description	Preparing agricultural extension projects (basic concepts, determining the targets). Advantage of projects in extension work, preparation of projects in extension work, preparation of extension projects (contents of the Project, Project name, organizations that will held, cooperated institutions, time

	Schedule, aim and the importance of the project). Factors related with the production, extension methods, Project staff, target moss, economic analysis of the Project, efficiency of the extension institutions
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Course Code	ULP-21-TE005
Name of the Course in English	European Union and Turkish Agriculture
Name of the Course in Turkish	Avrupa Birliđi Ve Türk Tarımı
Language of the Course	Turkish – English
Level of the Course	Master
Lecturer	Prof. Dr. Taner KUMUK
ECTS Credit	7,5
COMU Credit	3
Description	Construction and birth of E.U, units of E.U, Turkey’s agricultural sector will be investigated at the stage of jointing the E.U., E.U’s joint agricultural politics and the comparisons with Turkey’s politics. The difficulties that Turkey might encounter at the integration stage with the E.U. countries and the rules that should match.

Course Code	ULP-21-TE006
Name of the Course in English	Production Functions
Name of the Course in Turkish	Üretim Fonksiyonları
Language of the Course	Turkish – English
Level of the Course	Master

Lecturer	Yrd. Doç. Dr. Duygu AKTÜRK
ECTS Credit	7,5
COMU Credit	3
Description	Basic fenomens, production, input, output, production inputs, production output, production system, production technique, technologic development, production function (endoqeousexoqeueous parametres, factor, crop relation, crop-crop relation, factor-factor relation), same crop slopes.

Course Code	ULP-21-TE007
Name of the Course in English	Macro Economics
Name of the Course in Turkish	Makro Ekonomi
Language of the Course	Turkish – English
Level of the Course	Master
Lecturer	Yrd. Doç. Dr. Duygu AKTÜRK
ECTS Credit	7,5
COMU Credit	3
Description	Basic concepts of economics (economy, microeconomy, macroeconomy, disposition, expenditure, income), total outcome, total income, calculation of total expenditure methods and national total income, definition of inflation concept, its importance, the factors that cause inflation and kinds of inflation, calculation of inflation ratio, its Keynesian theory ,theories of export, import, export policy, foreign currency market and the payment balance.

Course Code	ULP-21-TE008
Name of the Course in	Farm Management and Planning

English	
Name of the Course in Turkish	Çiftlik Yönetimi ve Planlaması
Language of the Course	Turkish – English
Level of the Course	Master
Lecturer	Yrd. Doç. Dr. Duygu AKTÜRK
ECTS Credit	7,5
COMU Credit	3
Description	Basic principles of farm management (decreasing production principle, establishment principle) management, functions of management analysis, farm management, planning of farm (importance of planning, datas that are used in planning, sources of production) developed budget management

Course Code	ULP-21-TE009
Name of the Course in English	Farming Systems Research and Extension
Name of the Course in Turkish	Çiftçilik Sistemleri Araştırması ve Yayım
Language of the Course	Turkish - English
Level of the Course	Master
Lecturer	Prof. Dr. Taner KUMUK
ECTS Credit	7,5
COMU Credit	3
Description	Nature of Farm Systems Research and Development (FSR&D), FSR&D Activities, Issues of FSR&D Implementation, Timing, Organizational Flexibility, Introduction (Purposes of FSR&D, Definition of FSR&D, Additional Definitions and Comments, Farming, Households, Small-Scale Farming, Enterprises, Farming

	<p>Systems, Cropping and Livestock Systems, Mixed Systems, Characteristics of FSR&D, Farmer Based Problem Solving, Objectives of These Guidelines, Scope), Conceptual Framework (FSR&D Activities, Timing Activities, Staffing, FSR&D Strategies), Target and Research Area</p> <p>Selection (Amount of Data to Collect, Selection of Target Area and Subareas, Selection of the Research Area),</p> <p>Problem Identification and Development of a Research Base (Definitions of Problems and Opportunities,</p> <p>General Approach, Variations in Problems Focus, Understanding the Farmer’s Situation), Planning On-Farm</p> <p>Research (Laying the Groundwork, Making Preliminary Analyses of On-Farm Experiments, Considering Alternative Research Activities, Finalizing Plans for On-Farm Experiments), On-Farm Research and Analysis</p> <p>(Research- Managed Trials, Superimposed Trials, Farmer-Managed Tests, Team Organization, Concepts</p> <p>Analysis, Illustrative Design and Analysis Procedures, Acceptability of New Technologies), Extension of Results</p> <p>(Integration of Extension into FSR&D, Staffing and Organizing for Extension’s Involvement, Details of</p> <p>Extension’s Involvement in FSR&D, Multi-locational Testing, Pilot Production Program, Problems in</p> <p>Extension), Deciding on an FSR&D Approach</p>
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Course Code	ULP-21-TE010
Name of the Course in English	Economic Theory and Agricultural Policy Analyses
Name of the Course in Turkish	Ekonomik Teori ve Tarım Politikası Analizleri:

Language of the Course	Turkish – English
Level of the Course	Master
Lecturer	Yrd. Doç. Dr. Sibel TAN
ECTS Credit	7,5
COMU Credit	3
Description	<p>Economic theory and agricultural policy, microeconomics (demand, demand elasticity and market demand, supply, supply elasticity, market supply, the formation of factor demand, market, market formation and market types, producer and consumer surplus), macroeconomics (financial and monetary policies, structural policies, the relationship between macroeconomics policies and agriculture). Agricultural policy analyses (economic stabilization policies and their effects, interventionist policies and their results, policy analyses, models, analysis process, the necessary conditions for analyses and skills, the computer use in analyses, quantitative analysis methods in agricultural policy analyses). Agricultural policy analyses affecting international agricultural trade (International trade</p> <p>theory, the theory of absolute advantage, the theory of comparative advantage, two-country trade model,</p> <p>important institutions leading international trade, regional integrations, and international product agreements).</p>

Course Code	ULP-21-TE011
Name of the Course in English	Research Methods in Agricultural Marketing
Name of the Course in Turkish	Tarımsal Pazarlamada Araştırma Yöntemleri
Language of the Course	Turkish – English
Level of the Course	Master
Lecturer	Yrd. Doç. Dr. Duygu AKTÜRK

ECTS Credit	
COMU Credit	4
	Explanations on the scientific methods and marketing researches, decisions of marketing and decisions models. Bayes analysis, taste of parametric and nonparametric hypothesis and illustrations. Solution of marketing research problems with appropriate analysis methods.

Course Code	ULP-21-TE012
Name of the Course in English	Financial Cooperation in the Full Membership Process to the European Union, The EU Grant Projects, The EU Project Cycle Management
Name of the Course in Turkish	Avrupa Birliğine Tam Üyelik Sürecinde Mali İşbirliği, AB Hibe Projeleri, AB Proje Döngüsü Yönetimi
Language of the Course	Turkish – English
Level of the Course	Master
Lecturer	Yrd. Doç. Dr. Sibel TAN
ECTS Credit	7,5
COMU Credit	3
Description	The Pre-accession Financial Cooperation in the Full Membership Process to the European Union, (instrument for pre-accession and institutional reorganization, cross-border cooperation, regional development, human resources, regional development components, and the EU projects on these subjects). Projects cycle management (the formation of project idea, monitoring, planning, finance provision, application, evaluation), logical framework approach (problem analysis, partner analysis, target analysis, strategy analysis, the preparation of logical framework matrix, resource planning and budget).

Course Code	ULP-21-TE013
Name of the Course in English	Pc Applications in Economic Researchs
Name of the Course in Turkish	Ekonomik Arařtırmalarda Bilgisayar Kullanımı
Language of the Course	Turkish – English
Level of the Course	Master
Lecturer	Yrd. Doç. Dr. Ferhan SAVRAN
ECTS Credit	7,5
COMU Credit	4
Description	The application of PC programming in evaluation of research data. Analysis of the collected data with appropriate software.

Course Code	ULP-21-TE014
Name of the Course in English	Advanced Econometrics
Name of the Course in Turkish	İleri Ekonometri
Language of the Course	Turkish – English
Level of the Course	Master
Lecturer	Yrd. Doç. Dr. Duygu AKTÜRK
ECTS Credit	7,5
COMU Credit	3
Description	Definition of econometrics, phases of econometric modeling, least squares method, properties of estimators, estimation of several mathematical models, assumptions of linear regression, determination and removing of autocorrelation, heteroskedasticity and multicollinearity, time lagged variables, dummy variables and

	linear probability models.
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Course Code	ULP-21-TE015
Name of the Course in English	Agricultural Policies in Turkey and Its Applications
Name of the Course in Turkish	Türkiye’de Traım Politikaları ve Uygulamaları
Language of the Course	Turkish – English
Level of the Course	Master
Lecturer	Prof. Dr. Taner KUMUK
ECTS Credit	7,5
COMU Credit	3
Description	General concept of the national and international agricultural policies, skills of them. Applications of agricultural policies in Turkey. Analysis of teh agricultural supporting policies. The external reasons of the compulsion for reformation at agricultural policies in Turkey. Alternatives for Turkish agricultural policies.