

Study program: Geoinformation Technologies

Qualification: PhD

General Information			
University	Armenian National Agrarian University (ANAU)		
Course title	Land Policy And Land Rearrangement		
The responsible lecturer	Professor Gurgen Yeghiazaryan Professor Paruyr Efendyan Email: sfwmrc@yahoo.com , yeghiazaryangurgen@gmail.com armgeoinform@mail.ru		
Course type	Elective		
Course Goal	Priorities of agrarian policy. Ways to increase the competitiveness of the agricultural sector. Problems of ensuring food security. Human and institutional capacity development. Sustainable development of communities. Application of digital agriculture and innovations in the field of agriculture.		
Prerequisites and co-requisites (if applicable):	Land Cadaster and Land management		
Duration and ECTS Credits	In credits (ECTS)	In hours	Semester
	5	150 (84 auditorium + 66 individual)	Fall
Learning Outcomes	After completing this course, the students should be able to: <ul style="list-style-type: none">• analyze the legal basis of the agrarian policy in RA• analyze the development of agricultural infrastructure• identify opportunities to implement modern technologies• analyze and develop strategic approaches to food security• analyze the state of individual agri-food branches and develop ways to improve them		

Syllabus (List of lessons)	Module 1	The main goals and objectives of agrarian policy and organization
		<ul style="list-style-type: none"> • The purpose of agrarian policy development • Problems of state management of the agrarian sector • Food safety issues of the country
	Module 2	State support policy for agriculture
		<ul style="list-style-type: none"> • Strengths and weaknesses • Opportunities and threats • State bodies and infrastructures for conducting agrarian policy
	Assignment #1	Each should present the functions of state support for agriculture and the mechanisms for their implementation
	Module 3	Legal foundations of agrarian policy, management system, rural and agricultural development programs
		<ul style="list-style-type: none"> • Present the content of the legal basis of the agrarian policy • Separately present the vision of the development of the village and agriculture, and the mechanisms of their implementation • Effective land allocation projects and schemes for the organization's agrarian sector
	Assignment #2	Describe the legal basis of the policy, the management system, rural and agricultural development programs.
	Module 4	The main problems of agrarian policy by regions
	<ul style="list-style-type: none"> • Current state of agriculture and mechanisms of state regulation 	

		<ul style="list-style-type: none"> • The main obstacles to the implementation of agrarian policy by administrative territorial units • Opportunities for the development of the agri-food sector
	Assignment #3	Conduct an analysis of the politics of the agri-food sector by regions or administrative territorial units
	Module 5	Sustainable development of the system of agrarian policy and organization
		<ul style="list-style-type: none"> • Sustainable development of agriculture • Processing of agricultural products • Development of agricultural infrastructure
	Assignment #4	Conduct a comprehensive analysis of the agrarian system
	Module 6	Forms of land use organization and trends and mechanisms for their improvement
		<ul style="list-style-type: none"> • Mechanisms for increasing the efficiency of agricultural land use • Impact of community enlargement on land use efficiency • The foundations of the economic assessment of lands and their significance on the development of agriculture.
	Assignment #5	Natural resource accounting, assessment and analysis in a GIS environment
Short description	<p>Study the main priorities of the RA government's agrarian policy for 2020-2030.</p> <p>Discover the strengths and weaknesses of agricultural development.</p> <p>Apply the real possibilities of effective implementation of educational, research, scientific production and consulting works.</p>	

	<p>To identify the possibilities of introducing new technologies for effective land use.</p> <p>Contribute to increasing the effectiveness of the development and application of insurance rates in the agricultural sector.</p> <p>To develop ways to solve the problems of land organization of magnified communities.</p> <p>To study the basic principles, methodology and strategy of agri-food sector support.</p>
<p>Recommended textbooks and links (in order of relevance):</p>	<p>Required text and materials</p> <ol style="list-style-type: none"> 1. (ICARE) Ways to promote investments in the RA Agriculture sector, Yerevan 2017. 2. The RA Law "On Agricultural Cooperatives" was adopted on December 21, 2015. 3. Modern problems of economic development and distribution of the Republic of Armenia. Proceedings of the Republican Conference, Yerevan 2015. 4. Terteryan V., Darbinyan A., Sardaryan L. On the methodology of summary assessment of the levels of socio-economic development of rural communities. Problems of economic development and management (collection of scientific works) book 4. - Yerevan.: OR-DAR ed., 2012. 5. Hovhannisyan L. The role of the agrarian sector in the development process of Armenia's economy, Alternative Scientific Journal. 6. Links for the assessments and learning http://rst.gsfc.nasa.gov/start.html http://www.vtt.fi/tte/research/tte1/tte14/virtual http://www.esri.com http://www.dataplus.ru
<p>Assessment methods and criteria</p>	<p>Final exam with 20-point grade.</p>

	<p>To successfully complete this course, students must achieve a passing grade of 50% or higher on the overall course and on the mandatory final project. Under final project students should develop a research proposal.</p>
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