

**NATIONAL-QUALIFICATIONS-FRAMEWORK-FOR-HIGHER EDUCATION - PROGRAM-ADEQUACY RELATION [1]**

Field of EducationQualifications  (Agriculture, ForestryandFisheries )		LEARNING OUTCOMES												NATIONAL QUALIFICATIONS FRAMEWORK FOR HIGHER EDUCATION IN TURKEY (NQF-HETR) 8. Level (Associate's) Qualifications	
		1	2	3	4	5	6	7	8	9	10	11	12		
<b>KNOWLEDGE</b>	1- Developanddeepenthecurrentandadvan cedknowledge in thefields of Agriculture, Forestry, andFisherieswithoriginalthoughtand/or researchandformulateinnovativeandorig inaldefinitionsbased on Master'sdegreequalifications.	X	X	X	X	X					X	X	X	<b>KNOWLEDGE</b>	1- Developanddeepenthecurrentandadvanc edknowledge in thefieldwithoriginalthoughtand/orresear chandcomeupwithinnovatedefinitionsb ased on Master's degree qualifications.
	2- Conceivetheinterdisciplinaryinteraction whichthefield is relatedwith ; developoriginalsolutionsbyusingknowle dgerequiringproficiency on analysis, synthesisandassessment of newandcomplexideas.	X	X				X	X	X		X	X			2- Conceivetheinterdisciplinaryinteractionw hichthefield is relatedwith ; comeupwithoriginalsolutionsbyusingkno wldgerequiringproficiency on analysis, synthesisandassessmentof newandcomplexideas.
<b>SKILLS</b>	1-Evaluate an dusene win formation within thefield in a systematicapproach.	X	X	X	X	X					X	X		<b>SKILLS</b>	1-Evaluate an dusene win formation within thefield in a systematicapproach.
	2- Develop an innovativeknowledge, method, designand/orpracticeoradapt an alreadyknownknowledge, method, designand/orpracticetoanotherfield; research, conceive, design, adaptandimplement an originalsubject.				X	X	X	X							2-Develop an innovativeknowledge, method, designand/orpracticeoradapt an alreadyknownknowledge, method, designand/orpracticetoanotherfield; research, conceive, design, adaptandimplement an originalsubject.

	3- Critical analysis, synthesis and evaluation of new and diverse ideas.	X	X				X	X			X	X		3- Critical analysis, synthesis and evaluation of new and complex ideas.	
	4- Gain advanced level skills in the use of research methods in the field of study.	X	X	X	X	X					X	X		4- Gain advanced level skills in the use of research methods in the field of study.	

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			1	2	3	4	5	6	7	8	9	10	11	12			
COMPETENCES	Competence to Work Independently and Take Responsibility	1- Contribute the progression in the field by producing an innovative idea, skill, design and/or practice or by adapting an already known idea, skill, design, and/or practice to a different field independently.		X	X				X	X			X		1- Contribute the progression in the field by producing an innovative idea, skill, design and/or practice or by adapting an already known idea, skill, design, and/or practice to a different field independently.	Competence to Work Independently and Take Responsibility	COMPETENCES
		2- Broaden the borders of the knowledge in the field by publishing at least one scientific paper in the field in national and/or international refereed journals.						X	X	X					2- Broaden the borders of the knowledge in the field by producing or interpreting an original work or publishing at least one scientific paper in the field in		

																national and/or international refereed journals.		
		3- Demonstrate leadership in contexts requiring innovative and interdisciplinary problem solving.	X				X	X	X	X				X		3- Demonstrate leadership in contexts requiring innovative and interdisciplinary problem solving.		
COMPETENCES	Learning Competence	1- Develop new ideas and methods in the field by using high level mental processes such as creative and critical thinking, problem solving and decision making.	X				X	X	X	X					X	1- Develop new ideas and methods in the field by using high level mental processes such as creative and critical thinking, problem solving and decision making.	Learning Competence	COMPETENCES
		2- Develop a positive attitude towards life-time learning in the field using the knowledge and skills acquired.	X	X	X	X	X							X	X			

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			1	2	3	4	5	6	7	8	9	10	11	12			
COMPETENCES	Communication and Social Competence	1-Investigate andimprovesocialconn ectionsandtheirconduc tingnormsandmanaget heactionstochange the mwhennecessary.									X				1- Investigateandimpr ovesocialconnection sandtheirconducting normsandmanageth eactionstochange the emwhennecessary.	Communication and Social Competence	COMPETENCES
		2-Defend originalviewswhenexc hangingideas in thefieldwithprofession alsandcommunicateeff ectivelybyshowingcom petence in thefield.		X	X						X	X	X		2- Defendoriginalviews whenexchangingide as in thefieldwithprofessi onalsandcommunica teeffectivelybyshowi ngcompetence in thefield.		
		3-Communicate anddiscussorally, in writtenandvisuallywith peersbyusing a foreignlanguage at least at a level of European Language Portfolio C1 General Level.		X	X	X					X				3- Abilitytocommunicat eanddiscussorally, in writtenandvisuallywi thpeersbyusing a foreignlanguage at least at a level of European Language Portfolio C1 General Level.		
COMPETENCES	Field Specific Competence	1-Become an expert in specialissues in thefiled.	X	X	X				X	X				X	1- Contributeto thetrans ition of thecommunityto an informationsocietya nditssustainabilitypr ocessbyintroducings cientific, technological, socialorculturalimpro	Field Specific Competence	COMPETENCES

										X	X	X	X	X	vements.		
		2-Contribute to the transition of the community to an information society and its sustainability process by introducing scientific, technological, social or cultural improve- ments.								X	X	X	X	X	2-Demonstrate functional interaction by using strategic decision making processes in solving problems encountered in the field.		
		3-Demonstrate functional interaction by using strategic decision making processes in solving problems encountered in the field.								X	X	X	X	X	3-Contribute to the solution finding process regarding social, scientific, cultural and ethical problems in the field and support the development of these values.		
		4-Contribute to the solution finding process regarding social, scientific, cultural and ethical problems in the field and support the development of these values.	X	X	X	X	X				X	X					

Please pay attention to color-coding. The **blue X signs** in the first row of boxes under Program Adequacies indicates the relation of the Fundamental Program Adequacies whereas **pink X signs** in the second row indicates the relation of the National Qualifications Framework for Higher Education of Turkey.