

TYYÇ - Based on the Adequacy-Relationship Adequacy of Program

KNOWLEDGE AND SKILLS

Field of Education Qualifications (Agriculture, Forestry and Fisheries)		LEARNING OUTCOMES									NATIONAL QUALIFICATIONS FRAMEWORK FOR HIGHER EDUCATION IN TURKEY (NQF-HETR) 7. Level (Associate's) Qual ifications	
		1	2	3	4	5	6	7	8	9		
KNOWLEDGE	1- Develop and deepen the knowledge in the field of Agriculture, Forestry, and Fisheries to the proficiency level based on Bachelor level qualifications.	X	X	X					X	X	1- Develop and deepen knowledge in the same or in a different field to the proficiency level based on Bachelor level qualifications.	KNOWLEDGE
	2-Conceive the interdisciplinary interaction in the field of proficiency	X		X					X	X		
SKILLS	1-Synthesize and interpret interdisciplinary knowledge using the theoretical and practical knowledge within the field at the proficiency level and formulate contemporary knowledge and theories	X	X	X	X				X	X	1- Use of theoretical and practical knowledge within the field at a proficiency level.	SKILLS
	2- Solve the problem faced related to the field by using research methods and the cause-and-effect relationship.	X		X					X	X		
		X	X	X					X	X		

Bu matris, TYYÇ-Program Yeterlilikleri (s. 11) ve Temel Alan Yeterlilikleri -Program Yeterlilikleri (s. 12) matrisleri tamamlandıktan sonra yapılacaktır. Lütfen renklere dikkat ediniz. Program Yeterliliklerinin altındaki kutucukların, birinci satırında bulunan **mavi X isaretleri** Temel alan Yeterlilikleri ile ilişkisi, ikinci satırında bulunan **pembe X isaretleri** Türkiye Yükseköğretim Yeterlilikler Çerçevesi ile ilişkisini ifade etmektedir. Isaretleme örnek olarak gösterilmiştir.

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COMPETENCES (Competence to Work Independently and Take Responsibility - Learning Competence)

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			1	2	3	4	5	6	7	8	9			
COMPETENCES	Competence to Work Independently and Take Responsibility	1-Independently conduct studies that require proficiency in the field.	X X	X X	X X					X X	X X	1-Independently conduct studies that require proficiency in the field.	Competence to Work Independently and Take Responsibility	COMPETENCES
		2-Take responsibility and develop new strategic solutions as a team member in order to solve unexpected complex problems faced within the applications in the field.			X X						X X			
		3- Demonstrate leadership in contexts that require solving problems related to the field.			X X									
COMPETENCES	Learning Competence	1- Reach and use the resources in the field		X X								1- Reach and use the resources in the field	Learning Competence	COMPETENCES
		2-Evaluate knowledge and skills acquired at proficiency level in the field with a critical approach and direct the learning.			X X	X X				X X				
		3- Develop a positive attitude towards life-time learning in the field using the knowledge and skills acquired.							X X					

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COMPETENCES (Communication and Social Competence - Field Specific Competence)

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			1	2	3	4	5	6	7	8	9			
COMPETENCES	Communication and Social Competence	1-Communicate current developments within the field using written, oral and visual techniques.					X					1- Communicate current developments and studies within the field to both professional and non-professional groups systematically using written, oral and visual techniques by supporting with quantitative and qualitative data. 2- Investigate, improve social connections and their conducting norms with a critical view and act to change them when necessary. 3- Communicate with peers by using a foreign language at least at a level of European Language Portfolio B2 General Level. 4- Use advanced informatics and communication technology skills with software knowledge required by the field.	Communication and Social Competence	COMPETENCES
		2- Investigate, improve social connections and their conducting norms with a critical view and act to change them when necessary.								X				
		3-Communicate with peers by using a foreign language at least at a level of European Language Portfolio B2 General Level.			X		X							
		4- Use advanced informatics and communication technology skills with software knowledge required by the field.					X							
COMPETENCES	Field Specific Competence	1- Audit the data gathering, interpretation, implementation and announcement stages by taking into consideration the cultural, scientific, and ethic values and teach these values							X			1- Audit the data gathering, interpretation, implementation and announcement stages by taking into consideration the cultural, scientific, and ethic values and teach these values. 2- Develop strategy, policy and implementation plans on the issues related to the field and assess the findings within the frame of quality processes 3- Use the knowledge, problem solving and/or implementation skills in interdisciplinary studies	Field Specific Competence	COMPETENCES
		2- Develop strategy, policy and implementation plans on the issues related to the field and assess the findings within the frame of quality processes.								X				
		3- Use the knowledge, problem solving and / or implementation skills in interdisciplinary studies					X				X			

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LEARNING OUTCOMES

Lisans düzeyindeki yeterliliklerine de bağlı olarak, bitki koruma dalında uzmanlık seviyesine ulaşma	Based on graduate level proficiency, to accomplish the level of expertise in the field of plant protection	1
Kuramsal ve uygulamalı bilgilerini ve uzmanlığını bitki koruma alanında kullanabilme, bilimsel araştırma yöntemlerini kullanarak farklı çalışma alanlarındaki bilgileri harmanlayarak yeni bilgiler üretip önemli sorunları çözebilme	The skill to use theoretical and practical knowledge and expertise in the field of plant protection, to incorporate knowledge from different disciplines to create new information and to solve important problems using the methods of scientific research	2
Liderlik sorumluluğu alarak karmaşık sorunların çözümüne yeni yaklaşımlar getirebilecek bağımsız araştırmalar yapabilme, bulgularını yayınlayabilme	By taking leadership responsibility, the ability to conduct independent research on a complex problem, to develop new approaches for new solutions, to publish the results	3
Eleştirel ve analitik düşünme yetkinliği	The competence of critical and analytical thinking	4
Bilgi ve iletişim teknolojilerini kullanarak bitki koruma çalışmalarıyla ilgili bilgi ve görüşleri farklı ilgi gruplarına yazılı, sözlü ve görsel olarak aktarabilme	Using information and communication technologies, the skill to transfer new information and insights on plant protection activities to different interest groups in written and oral means	5
Uluslararası düzeyde yazılı ve sözlü sunumlarla etkin bir şekilde iletişim kurabilmek	The skill to communicate effectively in oral and written presentations at international level	6
Verilerin toplanması, değerlendirilmesi ve yorumlanması sırasındaki tüm aşamalarda bilimsel, kültürel ve ahlaki değerlere önem verme tutumunu kazanma	The ability to take into consideration of the scientific, social, cultural and ethical values at all stages of data collection, evaluation and interpretation	7
Bitki koruma ile ilgili strateji, politika ve uygulama planları yapabilme, ilgili çalışmaları ve sonuçları toplam kalite yönetimi süreçleri çerçevesinde harmanlayıp yorumlayabilme	The ability to develop strategy, policy and implementation plans in plant protection, incorporating relevant issues and evaluating results within the framework of total quality management processes	8
Edinmiş olduğu bilgi ve becerileri disiplinler arası çalışmalar gerektiren sorunların çözümünde kullanabilme	The ability to use and interpret background information to solve problems using, practical skills in interdisciplinary studies	9

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