

Master of Science Program for Biostatistics and Medical Informatics

Basic Field Qualifications (Basic field of Medicine Master Sufficiency (Heavily Academic))		PROGRAM QUALIFICATIONS												Qualifications Framework For Higher Education in Turkey (QFHT, 7. Degree, Education of Master)	
		1	2	3	4	5	6	7	8	9	10	11	12		
KNOWLEDGE	1. Have institutive and practical information which supported with books of medicinal field which include basic and contemporary information, practice equipment and multimedia education equipment and other sources.	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	To have institutive and practical information which supported with books of medicinal filed which include basic and contemporary information, practice equipment, and multimedia	KNOWLEDGE
	2. Have assessment of information which includes nature, source, limit, truth, reliability, validity of information	X	X	X	X	X	X	X	X	X	X	X	X		
	3. Have information of medical field which are reaching scientific information, following contemporary literature,					X	X	X		X	X	X	X		
SKILLS	1. Evaluate and interpret scientifically proven data's using learned advanced level of information and abilities of medical field, define problems, analyses, produce solution suggestion by overseeing professional and ethical values, share information, pull together.			X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	1.Using learned institutive and practical information of related field. 2. To evaluate and interpret scientifically proven data's using learned advanced level of information and abilities of medical field, to define problems, analyze, produce solution suggestions which are proven.	SKILLS
	2. Use information technics about the medicine and research field.					X X	X X		X X			X X	X X		
	3. Do medicinal education for families and personal by using information of medical field which are reaching scientific information.								X	X		X	X		
	4. Produce solution suggestion direction of problems of related area.			X	X	X			X	X	X				

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COMPETENCES	Competence to Work Independently and Take	1.Carry out study independently by using learned advanced level of information of medical field and take responsibility being team member cooperation with other field workers.	X X	X X			X X	X X	X X	X X	X X	X X	X X	X X	1.Carry out advanced level of study independently.	COMPETENCES Competence to Work Independently and Take
		2. Take responsibility being team member or personally, in order to solve faced unpredictable complex problem of application in medical field.			X X	X X	X X	X X	X X	X X	X X	X X	X X	X X		
		3.Plan activities about developing for workers who works under responsibility, manage, observe process and evaluate.					X X	X X	X X							
		4.Discharge responsibility for producing scientific formation about particular field.	X X				X X			X X	X X	X X				
COMPETENCES	Communication and Social Competence	1. Evaluate critically learned advanced level information of medicinal field.	X X	X X	X X	X X	X X				X X		X X	X X	1. Ability to evaluate critically learned advanced level information of medicinal field .	COMPETENCES Communication and Social Competence
		2. Determine the aim of learning and show how learned.	X X	X X	X X	X X			X X	X X	X X	X X				
		3.Determine the learning sources; reach effectively/fastly to sources.					X X			X X	X X	X X				
		4. Show seized upon learning during lifelong, open to improvement, keep going this behavior.			X X		X X				X X	X X				
		5.Decide ways of reaching information and apply.					X X	X X	X X		X X	X X	X X	X X		

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COMPETENCES	Communication and Social Competence	1.Inform person and institutions related to medicinal area, quote solution ideas written or verbal about problems, listen expectation, request and thoughts person and institution related about the problems.			X	X		X	X	X			X	X	1.Ability to inform person or institution related to medical field, quote solution ideas written or verbal about problems.	
		2.Share solution ideas about the medicinal problems which supported by doing team work with person who works in the same problem, being expert or not.			X	X	X	X	X	X		X	X	X	2.Ability to share solution ideas about the problems which supported with quantitative and qualitative data's with person who works in the same problem, being expert or not.	
		3.Arrange project and activity with other occupational groups having awareness of social responsibility for social surroundings, and apply.						X	X				X	X	3.Ability to arrange project and activity with awareness of social responsibility for social surroundings, and apply.	
		4.Follow the information by using at least one foreign language required the filed at the level B1 determine according to European Language Portfolio, communicate.			X							X			4.Ability to follow the information by using at least one foreign language required the filed at the level B1 determine according to European Language Portfolio, communicate.	
		5.Use needed information and communication technologies with computer software at least at the level of European Computer Driving License.			X	X						X			5.Ability to use needed information and communication technologies with computer software advanced level of European Computer Driving License.	
		6.Follow and evaluate events/ developments on society and worldwide agenda about the medical area.					X					X		X		
		7.Communicate effectively by written and verbal.	X	X	X	X		X	X		X					
		8.Have information and abilities for communicating cross-cultural.			X					X	X				X	
		9.Journalese occupational activity and applications effectively and confidentially/document truly and efficiently.					X	X	X					X	X	

Communication and Social Competence

COMPETENCES

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COMPETENCES	Field Specific Competence	1. Collect data's about medical field, counterpart, apply, and cooperate with person who Works related field and behave suitable for social, scientific and ethical values.				X	X	X	X			X	X	1. Collecting data's about medical field, interpreting, applying, and cooperating with person who works related field and behaving suitable for social, scientific and ethical values.	Field Specific Competence
		2. Behave suitable for management and process of quality, and participate this process.						X	X					2. Having adequate awareness about universality of social rights, social justice, culture of qualities and protecting cultural values and environment, occupational health and safety.	
		3. Have adequate awareness about personal or public health includes infants and children, protect environment, occupational health and safety and apply these.					X	X							
		4. Behave personally suitable for laws and regulations about duty, right and reliability and code of ethics and norms.				X	X	X	X			X	X		
		5. Serve as a model for society, displaying professionalism for colleagues.	X	X	X	X				X					
		6. Be competent to understand form of health or/and patient person, physiological functions and behaviors, relationship between persons' health, social and physical environment.										X	X		
		7. After graduation participate education at in- company, public, international, provide loan these and document.				X				X					
		8. Know importance of ethical principle and ethical rules at the area of education, application, investigation for person or society.	X	X			X	X	X			X	X		