



**FIELDS OF QUALIFICATIONS IN NQF-HETR**  
**44 – PHYSICAL SCIENCE 8th cycle (Doctorate) – Academic Weighted**

NQF-HETR LEVEL	KNOWLEDGE (KNW) -Theoretical -Conceptual	SKILLS (SKL) Cognitive Practical	PERSONAL & OCCUPATIONAL COMPETENCES			
			Autonomy & Responsibility Competence (ACR)	Learning to Learn Competence (LLC)	Communication and Social Competence (CSC)	Occupational and/or Vocational Competence (OVC)
<p align="center"><b>8</b></p> <p align="center"><b>DOCTORATE</b></p> <hr/> <p align="center"><b>EQF-LLL:</b> 8. Level</p> <hr/> <p align="center"><b>QF-EHEA:</b> Third Cycle</p>	<p><b>KNW 1-</b> The student improves and deepens actual and advanced field knowledge to expertise level by means of original thoughts and/or research and reaches original definitions that will provide renewal to the field.</p> <p><b>KNW 2-</b> The student comprehends</p>	<p><b>SKL 1-</b> The student evaluates, uses and transfers the newly knowledge in his field in a systematic approach.</p> <p><b>SKL 2-</b> The student develops a new idea, method, design and/or application that will provide renewal to the field or applying an existing idea, method, design and/or application to another field; researches,</p>	<p><b>ACR 1-</b> The student contributes to advancement by independently realizing an original study that will develop a new idea, method, design and/or application providing renewal to the field or that will apply an existing idea, method, design and/or application to another field.</p> <p><b>ACR 2-</b> The student expands the borders of field knowledge</p>	<p><b>LLC 1-</b> The student develops new ideas and methods in the field using top level intellectual processes such as creative and critical thinking, problem solving and decision making.</p>	<p><b>CSC 1-</b> The student critically analyzes and develops social relations and norms, directs those relations and leading actions to change them if necessary.</p> <p><b>CSC 2-</b> The student defends original ideas in the discussions on field-related subjects with experts and establishes an effective communication that reflects the competency in the field.</p> <p><b>CSC 3-</b> The student communicates and discusses at</p>	<p><b>OVC 1-</b> The student contributes to the society's process of becoming and maintaining the state of being a society of information by presenting the scientific, technological, social or cultural advancements in the field.</p> <p><b>OVC 2-</b> The student establishes functional interaction using strategic decision making processes for</p>

	<p>the interdisciplinary interaction related to the field; reaches original results by using expertise level knowledge in analyzing, synthesizing and evaluating new and complicated opinions.</p>	<p>comprehends, designs, adapts and applies an original subject.</p> <p><b>SKL 3-</b> The student critically analyzes, synthesizes and evaluates new and complicated opinions.</p> <p><b>SKL 4-</b> The student acquires top level skills to use research methods for the studies in the field</p>	<p>by publishing at least one article in national or international peer-reviewed journals and/or by producing or commenting on original work.</p> <p><b>ACR 3-</b> The student assumes leadership in circumstances that require the solution of original and interdisciplinary problems.</p>		<p>advanced level orally and in a written and visual way by speaking a foreign language at least on European Language Portfolio C1 general level.</p> <p><b>CSC 4-</b> The student uses computer software required by the field effectively in research to solve problems by keeping track of the developments in informatics and communication technologies.</p> <p><b>CSC 5-</b> The student carries out scientific research in national and international scientific research groups.</p>	<p>the solution of field-related problems.</p> <p><b>OVC 3-</b> The student contributes to the solution of social, scientific, cultural and ethical problems in the field and supporting the development of these values.</p>
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