

**FIELDS OF QUALIFICATIONS IN NQF-HETR
44 – PHYSICAL SCIENCE**

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>6 BACHELOR'S</p> <p>—</p> <p>EQF-LLL: 6. Level</p> <p>—</p> <p>QF-EHEA: First Cycle</p>	<p>KNW 1- The student has advanced theoretical and practical knowledge containing up to date information in the field of textbooks, application tools and equipment and other resources to get the forefront of scientific approach</p>	<p>SKL 1- The student has the ability to adapt and transfer to the secondary education in his field.</p> <p>SKL 2- The student uses advanced theoretical and practical knowledge acquired in his field.</p> <p>SKL 3- The student renovates the information gathered depending on the conditions.</p> <p>SKL 4- The student reviews the data by using advanced knowledge and skills acquired in the field and assesses the current technological developments identifies problems, analyzes, researches and develops evidence-based solutions.</p> <p>SKL 5- The student has the ability to conceptualize events and facts about his field, and examines the scientific methods and techniques.</p> <p>SKL 6- The student designs and performs experiments to study the problems, collects data, analyzes and interprets the results.</p>	<p>ACR 1- The student has the ability to execute an independent study related to his field.</p> <p>ACR 2- The student has the ability to solve unforeseen problems encountered in applications related to his field and takes responsibility as an individual or as a team member.</p> <p>ACR 3- The student manages the plan of development for the employee he is responsible for.</p> <p>ACR 4- The student has the ability to make decisions about problems encountered in different fields.</p> <p>ACR 5- The student has the ability to use time efficiently with the ability of</p>	<p>LLC 1- The student has a critical approach in the field of knowledge and skills acquired in the advanced treats.</p> <p>LLC 2- The student has the ability to determine learning requirements and guides.</p> <p>LLC 3- The student develops a positive behaviour for 'Lifelong Learning' concept.</p> <p>LLC 4- The student is aware of the need for 'Lifelong Learning' and develops his knowledge about his job.</p>	<p>CSC 1- The student has the ability to inform the relevant people and institutions on issues related to the field, thoughts, and solutions to the problems in written and spoken ways.</p> <p>CSC 2- The student shares his ideas and solutions to the problems with relevant and non-relevant people, and supports his ideas with qualitative and quantitative data.</p> <p>CSC 3- The student manages and applies social responsibility projects and activities for community.</p> <p>CSC 4- The student has the ability to communicate verbally and in writing, at least one foreign language at least at the level of European Language Portfolio B1 using general knowledge in the field of information and computer science, monitors and communicates with colleagues.</p> <p>CSC 5- The student uses advanced computer programs (European Computer Using Licence at least) and communicative technologies in his field.</p> <p>CSC 6- The student uses his knowledge about human health and environmental awareness on behalf of society.</p>	<p>OVC 1- The student behaves accordingly to social, scientific, cultural and ethical values during data collection, interpretation, implementation processes in his field.</p> <p>OVC 2- The student has enough awareness about social rights, social justice, quality management and processes, and behaving them appropriately (rather than the culture of quality), and the protection of cultural values, environmental occupational health and safety.</p>

			analytical thinking.			
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