Correlation of ASIIN Subject Specific Criteria 08 (Agriculture, Nutritional Sciences and Landscape Architecture) to AGB ILOs

ASIIN SSC 08		Description of SSC	Intended Learning Outcome (ILO)								
			Attitude & Behaviours (S)		Mastery in Sciences (P)		General Skills (KU)		Special Skills (KK)		
			1	2	3	4	5	6	7	8	9
Knowledge and Understanding	A1	Know and understand the principles of natural sciences, social science, mathematics, medical science, economics and engineering their discipline is based on			√				√		√
	A2	Have a coherent knowledge in their discipline including knowledge of the latest findings in their discipline			√		√	√			
	A3	Know concepts of identification and safeguarding of quality in their respective fields of work							√	√	
	A4	Know the essential legal regulations relating to their discipline									√
	A5	Are aware of the further multidisciplinary context of agriculture, nutrition science, or landscape and neighbouring fields			√	√					
Engineering Analysis	B1	Have the required knowledge and understanding to identify and formulate problems arising in agriculture, nutrition science, or landscape architecture (which may contain aspects stemming from areas other than their field of specialisation)			√				√		
	B2	Are able to apply different methods orientated on fundamentals – such as mathematical, statistical, and experimental (laboratory) analysis			√				√	√	
	B3	Are qualified to plan and conduct respectively suitable experiments, interpret the data, and draw conclusions			√		√				
Investigations	C1	Are able to pursue literature searches in a targeted way and to use data bases and other sources of information			√		√				√
	C2	Are qualified to carry out assessments on the basis of comparisons with literature references and plausibility considerations			√		√				
Engineering Practice	D1	Have the skills to solve practical problems						√	√	√	
	D2	Can combine theory and practice to solve subject-specific practical problems							√	√	
	D3	Are able to select and apply suitable devices, processes, and methods;				√		√		√	
	D4	Have developed an understanding of applicable techniques and methods and their limitations							√	√	

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	D5	Recognise the technical, health and safety, social, ecological, and legal implications of engineering practice in their field of scientific expertise		√						√	
	D6	Can apply methods relevant for their profession;				√		√			√
	D7	Are aware of the usability and the restrictions of concepts and solution strategies;			√				√		√
	D8	Can resort to experience with problems, topics, and processes relating to their scientific discipline			√				√		
	D9	Are able to consult adequate literature and information sources and coordinate the work of experts			√		√				√
Social Competences	E1	Are able to work efficiently on their own and as team members								√	√
	E2	Are qualified to apply different methods to communicate effectively with the scientific community and the society as a whole		√			√				√
	E3	Feel obliged to act in accordance with professional ethics and the responsibilities and standards of practical engineering	√							√	
	E4	Are aware of the methods of project management and business practices such as risk and change management and understand their limitations				√		√		√	
	E5	Recognise the necessity of independent life-long learning and are qualified to do so;		√				√			√
	E6	Depending on the professional field they have competences in the fields of management and marketing, in particular project management, acquisition, personnel management, controlling etc						√	√	√	
	E7	Are adequately competent in the area of communication, e.g. Presentations or moderation.					√				√

Code	**Intended learning Outcomes (ILO)**
	Attitude and Behaviour
1	Capable of internalizing faith in God Almighty by upholding moral and ethical values.
2	Capable of self-development and lifelong learning to contribute to society and the nation by appreciating the values of tolerance, care and sensitivity.

	Knowledge
3	Understand the fundamental principles of Agribusiness Management, Agricultural Economics, and Community Empowerment in integrated and sustainable agricultural development.
4	Understand the concept of entrepreneurship by implementing an integrated and sustainable agribusiness information and communication technology management system.
	General Skills
5	Able to think logically, critically, and systematically in conducting agribusiness studies based on information and data analysis and disseminating them nationally and globally.
6	Able to implement creative and innovative agribusiness management operations with a spirit of leadership and professionalism.
	Specific Skills
7	Able to identify, analyse, and allocate resources and factors of production technically and economically in the field of agribusiness.
8	Able to manage agribusiness operating system quality and risks, as well as evaluate business and commercial performance.
9	Able to communicate, negotiate, and advocate in the field of agribusiness using information technology.