## The correlation between the program learning outcome of Undergraduate in Biotechnology Program with the most relevant Subject-Specific Criteria (SSC)

	Program Learning Outcome							
Competence Profile according to ASIIN SSC	1. Students will be able to master the principles of biotechnolo gy	2. Students will be able to apply biotechnolo gy concepts to promote biodiversity and sustainabilit y issues mitigation for the improvemen t of human life	3. Students will be able to demonstrat e practical biotechnolo gy skills	4. Students will be able to analyze scientific data and informatio n	5. Students will be able to communica te scientific ideas, knowledge, and data in oral and written forms	6. Students will be able to employ critical thinking in decision- making especially in relation to biotechnolo gy and biodiversity	7. Students will be able to foster life-long learning capability, creativity, and appreciati on for diversity in nature and social life	8. Students will be able to integrate Christian Faith, Excellence, Professionalis m, and Care (KUPP) values in academic and professional life
Subject Specific Competences		•	•		•		·	•
have acquired sound fundamental biology-relevant knowledge of mathematics and the natural sciences,	$\checkmark$	$\checkmark$	$\checkmark$					
have sound knowledge of the fundamentals of molecular, cell and organismic biology,	$\checkmark$	$\checkmark$	$\checkmark$					
have gained methodological competence in Life Sciences and are also able to apply this in other contexts,	$\checkmark$	$\checkmark$	√	~		$\checkmark$	√	
are capable of independent practical work in laboratories and in the field as well as handling organisms,			$\checkmark$			$\checkmark$		$\checkmark$

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have relevant knowledge of safety and environmental issues as well as the associated legal fundamentals,						$\checkmark$	$\checkmark$	$\checkmark$
have acquired sound knowledge in at least one special area of Life Sciences,	$\checkmark$	$\checkmark$						
are capable of recognising and solving subject-specific problems,	$\checkmark$	$\checkmark$				$\checkmark$		
are capable of solving Life Science problems and presenting the results.	$\checkmark$	$\checkmark$	$\checkmark$		$\checkmark$	$\checkmark$		
General and Social Competences				_				
have trained conceptual, analytical and logical thinking,						$\checkmark$		
have an awareness of possible social, ethical and environment-related effects of their actions,						$\checkmark$	$\checkmark$	$\checkmark$
have acquired communication skills – also in a foreign language – and can communicate scientific information to					$\checkmark$			

	Program Learning Outcome							
Competence Profile according to ASIIN SSC	1. Students	2. Students	3. Students	4.	5. Students	6. Students	7.	8. Students
	will be able	will be able	will be able	Students	will be able	will be able	Students	will be able to
	to master	to apply	to	will be	to	to employ	will be able	integrate
	the	biotechnolo	demonstrat	able to	communica	critical	to foster	Christian
	principles of	gy concepts	e practical	analyze	te scientific	thinking in	life-long	Faith,
	biotechnolo	to promote	biotechnolo	scientific	ideas,	decision-	learning	Excellence,
	gy	biodiversity	gy skills	data and	knowledge,	making	capability,	Professionalis
		and		informatio	and data in	especially in	creativity,	m, and Care
		sustainabilit		n	oral and	relation to	and	(KUPP) values
		y issues			written	biotechnolo	appreciati	in academic
		mitigation			forms	gy and	on for	and
		for the				biodiversity	diversity in	professional
		improvemen					nature and	life
		t of human					social life	
		life						
experts and laypersons in a suitable								
manner,								
have a capacity for teamwork, also on							./	
an intercultural basis,							V	V
have acquired lifelong learning							/	1
strategies.							$\checkmark$	$\checkmark$