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

Competence Profile according to ASIIN SSC	Program Learning Outcome							
	1. Students will be able to master the principles of biotechnology	2. Students will be able to apply biotechnology concepts to promote biodiversity and sustainability issues mitigation for the improvement of human life	3. Students will be able to demonstrate practical biotechnology skills	4. Students will be able to analyze scientific data and information	5. Students will be able to communicate 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 biotechnology and biodiversity	7. Students will be able to foster life-long learning capability, creativity, and appreciation for diversity in nature and social life	8. Students will be able to integrate Christian Faith, Excellence, Professionalism, 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,	✓	✓	✓					
have sound knowledge of the fundamentals of molecular, cell and organismic biology,	✓	✓	✓					
have gained methodological competence in Life Sciences and are also able to apply this in other contexts,	✓	✓	✓	✓		✓	✓	
are capable of independent practical work in laboratories and in the field as well as handling organisms,			✓			✓		✓

Competence Profile according to ASIIN SSC	Program Learning Outcome							
	1. Students will be able to master the principles of biotechnology	2. Students will be able to apply biotechnology concepts to promote biodiversity and sustainability issues mitigation for the improvement of human life	3. Students will be able to demonstrate practical biotechnology skills	4. Students will be able to analyze scientific data and information	5. Students will be able to communicate 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 biotechnology and biodiversity	7. Students will be able to foster life-long learning capability, creativity, and appreciation for diversity in nature and social life	8. Students will be able to integrate Christian Faith, Excellence, Professionalism, and Care (KUPP) values in academic and professional life
have relevant knowledge of safety and environmental issues as well as the associated legal fundamentals,						✓	✓	✓
have acquired sound knowledge in at least one special area of Life Sciences,	✓	✓						
are capable of recognising and solving subject-specific problems,	✓	✓				✓		
are capable of solving Life Science problems and presenting the results.	✓	✓	✓		✓	✓		
General and Social Competences								
have trained conceptual, analytical and logical thinking,						✓		
have an awareness of possible social, ethical and environment-related effects of their actions,						✓	✓	✓
have acquired communication skills – also in a foreign language – and can communicate scientific information to					✓			

Competence Profile according to ASIIN SSC	Program Learning Outcome							
	1. Students will be able to master the principles of biotechnology	2. Students will be able to apply biotechnology concepts to promote biodiversity and sustainability issues mitigation for the improvement of human life	3. Students will be able to demonstrate practical biotechnology skills	4. Students will be able to analyze scientific data and information	5. Students will be able to communicate 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 biotechnology and biodiversity	7. Students will be able to foster life-long learning capability, creativity, and appreciation for diversity in nature and social life	8. Students will be able to integrate Christian Faith, Excellence, Professionalism, and Care (KUPP) values in academic and professional life
experts and laypersons in a suitable manner,								
have a capacity for teamwork, also on an intercultural basis,							✓	✓
have acquired lifelong learning strategies.							✓	✓