

PROGRAMME SPECIFIC OUTCOMES (PSO):

At the end of the B.Sc. Mathematics Honours Programme at Calicut University, a student would:

Programme Specific Outcome (Major)	
PSO1	Advanced Mathematical Knowledge: Understand core mathematical abstract concepts/theories and demonstrate a high level of mathematical rigor and logical reasoning
PSO2	Modelling and Problem-Solving Skills: Apply mathematical techniques to solve complex problem situations across various domains and interpret the result, demonstrating critical thinking and analytical skills.
PSO3	Computational Proficiency: Apply mathematical understanding to solve problems and explicitly work out step by step either by self or by software based computational tools.
PSO4	Research Aptitude: Analyse mathematical abstract ideas effectively and present/communicate mathematical arguments and solutions in a clear and coherent manner leading to research in Mathematics
Programme Specific Outcome (Minor)	
PSO5	Mathematics Proficiency: Demonstrate a strong understanding of mathematical principles and problem solving
PSO6	Interdisciplinary Integration: Integrate Mathematics with relevant disciplines to develop more holistic approaches to solve problems, leading to innovative solutions and advancements in various fields.