

PROGRAMME SPECIFIC OUTCOMES (PSO):

At the end of the BSc Chemistry Honours programme at Calicut University, a student would:

PSO1	Understand theoretical concepts and applications across major chemistry subfields, including inorganic, organic, physical, analytical chemistry, and quantum mechanics.
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PSO2	Evaluate complex chemical phenomena and real-world problems by applying principles of theoretical chemistry and computational chemistry.
PSO3	Develop practical skills in handling chemicals safely, preparing solutions, conducting experiments, and analyzing chemical species in the lab.
PSO4	Design and execute a project to solve real-world problems following the needs of society and academic research within a stipulated time frame.
PSO5	Acquire foundational knowledge of chemistry essential for advanced studies in interdisciplinary fields such as Physics, Mathematics, Botany, Zoology, Geology, and other related disciplines.
PSO6	Apply chemistry knowledge to various industries including pharmaceuticals, materials science, energy, polymer, and environmental monitoring.