CHEMISTRY (BA) - CHEMISTRY AND SECONDARY EDUCATION TRACK

Program Learning Outcomes

• Students will apply both the theoretical and practical principles of the analytical, inorganic, organic and physical divisions of chemistry.
• Students will conduct experiments, analyze data, and interpret results, while using safe and ethical lab practices.
• Students will demonstrate the correct operation of chemical instrumentation.
• Students will demonstrate proficiency in planning instruction based on standards and knowledge of students.
• Students will demonstrate proficiency in using a wide range of instructional strategies and differentiating instruction to help all students learn.
• Students will demonstrate proficiencies related to assessing learning and teaching and using assessment data to adapt instruction for improved student learning.
• Students will display values, commitments, dispositions, and habits associated with effective and professional teaching.