

## **LEARNING OUTCOMES FOR CHEMISTRY AND PHYSICS**

### **Learning Outcomes Specific to Chemistry**

1. Ability to prepare solutions of a defined molarity given molar masses or molarity of stock solutions.
2. Ability to draw chemical structures given IUPAC names.
3. Ability to calculate theoretical and actual yields of chemical reactions.

### **Learning Outcomes Specific to Physics**

1. To solve problems involving the interactions between energy and matter
2. To solve problems utilizing the laws of physics taught in the various physics courses.

### **Learning Outcomes Specific to Both Disciplines**

1. Proficiency in basic mathematical skills
2. Ability to draw and interpret graphs
3. Ability to write research reports
4. Ability to present research data