

## Student Learning Outcomes of the Graduate Program

1. Demonstrate basic knowledge in the following areas of chemistry: analytical, biochemistry inorganic, organic and physical.
2. Organize and communicate scientific information clearly and concisely, both verbally and in writing.
3. Effectively utilize the scientific literature to research a chemistry topic or to conduct chemical research.
4. Work effectively and safely in a laboratory environment, including the ability to maintain a proper laboratory notebook and use advanced chemical instrumentation.
5. Use computer technology for advanced chemical applications.
6. Demonstrate the ability to work independently in the lab by designing solutions to problems or devising experiments to test hypotheses.