CHEMISTRY

Learning Outcomes

1. **Know:** Graduates will exhibit appropriate depth and breadth of chemistry knowledge, both of core principles as well as theories and methods in their chosen sub-discipline(s).

2. **Apply/Create:** Graduates will use chemistry-based methods and techniques to create new knowledge, and to apply that knowledge to problem solving tasks.

3. **Communicate:** Graduates will be able to convey their chemical knowledge via effective written and verbal communication skills.

4. **Think:** Graduates will employ satisfactory analytical and critical thinking, and creativity, within Chemistry.

5. **Professional Practice- ethical and professional behavior:** Graduates will demonstrate ethical best practices for chemistry research, interact collegially with peers, and seek to promote productive collaborations as part of their graduate and professional work.