

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:** 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..