**رئيسة القسم : د / عائشه سعد حصان**

**السكرتيرة : أ / فاطمه مشبب**

**الفاكس : 2260965**

**Program Learning Outcomes:**

**1.0 -Knowledge**

* 1. **Demonstrate a thorough knowledge of the fundamental theories and principles of Analytical, inorganic, organic and physical chemistry.**
  2. **Recognize the fundamentals of mathematics and physics related to chemical sciences.**
  3. **Outline the experimental findings and applications of chemistry in life.**

**2.0 Cognitive Skills**

2.1 - **Practice critical thinking and efficient problem solving skills in chemistry and related Sciences.**

2.2 - **Manipulate chemicals following safety procedures and regulations.**

2.3 - **Perform chemical experiments, analyze data and reporting.**

2.4 - **Use modern instrumentation for chemical analysis and separation.**

**3.0 - Interpersonal skills and responsibility**

3.1 - **Demonstrate social responsibility and ethical principles.**

3.2 - **Show independency in solving simple problems, conducting procedures in line with safety practices and committed to ethics.**

3.3 - **Acquire self-confidence to enter job market or integrate graduate programs.**

**4.0 - Communication, Information Technology, Numerical**

4.1 - **Communicate effectively both orally and in writing.**

4.2 - **Work effectively in diverse teams in both classroom and laboratory.**

4.3 - **Transmit relevant technical information form search engines (modern library and databases).**