

Knowledge Skills

- Explanation the theories and the properties of reactions, methods of preparation, nomenclature, separation and quantification of inorganic compounds.
- determines the types and properties of organic compounds and the mechanics of their reactions and methods of preparation and detection
- Mentioned the basic knowledge of educational, Language and religious decisions
- Mentioned the basic scientific knowledge OF sciences physics , mathematics, Biology and related to science of chemistry

Cognitive Skills

- **Uses educational and linguistic concepts and information acquired in the field of specialization**
- **Explains spectral measurements, physical and chemical properties, mechanical interaction, scientific theories related to organic and inorganic compounds, analysis and methods of separation**
- **apply the laws and nomenclature rules of the different types of reactions organic and inorganic in a proper and safe manner**
- **Applied knowledge and theories in physics, biology and mathematics in the field of chemistry.**

Interpersonal Skills & Responsibility

- works in groups and teams in a cooperative and effective manner with others.
- Committed to duties and responsibilities in the ethics of the profession.
- depend on himself and has the ability to self-learning and personal and professional

Communication, Information Technology, Numerical

- Communicates effectively with others, with team or colleagues
- Uses modern technology and best practices in the field of teaching and research chemistry
- Using statistical and statistical software in chemistry to analyze data, obtain results and