

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

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| Course name | Chemistry for Health Sciences |
| Course number | CHEM1303 |
| Faculty | |
| Department | |
| Course type | College Needs |
| Course level | 1 |
| Credit hours (theoretical) | 3 |
| Credit hours (practical) | 0 |
| Course Prerequisites | |

Course Objectives

- 1 - stoichiometric determination
- 2 - structure of the atom and the atomic theories
- 3 - chemical formulas
- 4 - limiting reactant
- 5 - electronic configuration of the elements
- 6 - periodic table
- 7 - ionization energy and electron affinity
- 8 - Lewis structure
- 9 - Valence bond and molecular orbital
- 10 - liquids, and solutions,
- 11 - intermolecular forces between solid and liquid molecules
- 12 - kinetics,
- 13 - equilibrium,
- 14 - acids-bases
- 15 - principles of buffer solutions and solubility product,