**Course Name: Physics and Earth Sciences and their Teaching Methods**

**Course Number: (701325)**

**Credit Hours: (3) Hours**

**Course Classification: Compulsory Major**

**Course Description:**

This course handles the following physical and chemical concepts: the matter and energy (magnet, light, sound and electricity) power and motion: (matter, mass, weight, motion, speed, acceleration, rules of motion, power), the matter and its characteristics: (state of matter, nuclear theory, electronic distribution, factor, complex, mixed), the physical changes of the matter, metals, acids, salt, chemical interactions (meaning, writing chemical equation, types of chemical interaction). Dry lab and telescope and methods of teaching theses concepts based on investigation, discovery and problem solving.