

Introduction

The Physics & Astronomy Department is considered to be one of the oldest departments at King Saud University. It has been established in the year of 1378 H, 1958 G just upon the establishment of the College of Science. The objective of the department is to provide the necessary courses and programs for a Bachelor degree. However, the department now has expanded its objectives to include graduate studies in addition to scientific research following the developments in the Kingdom in all sectors; educational and scientific research in particular. As a result, the department has seven research groups. These are mainly: Nuclear Physics, Materials Physics, Renewable Energy & Environment, Theoretical Physics, Laser Physics and Spectroscopy, Biomedical physics, and Astronomy Research Group.

Currently, the department offers the degree of Masters of Science (M.Sc.) in Physics which has been approved in 1980. The M.Sc. program aims at providing the Kingdom with qualified graduates to satisfy the needs of the country. The program had five main specializations: Theoretical Physics, Laser Physics and Spectroscopy, Solar Energy Physics, Materials Physics and Nuclear Physics.

In view of the King Saud University (KSU) vision to give major importance to graduate studies to develop a generation of distinguished researchers that can be an important asset toward fulfilling KSU vision, the department has taken the initiative to develop and modify the current M.Sc. program in line with the latest developments in science and global technology, and to fulfill the stakeholder needs. Consequently; Biomedical Physics and Astronomy tracks have been added to this program.

Degree Name

Master of Science in Physics (M. Sc)