

## **Chemistry Department- Science College - King Saud University**

### **Higher Graduate Studies , M.Sc. and PH.D**

(Boys / Girls)

#### **M. Sc. Program in Chemistry**

The Master programme aims to scientifically qualify the students to confidently teach and conduct researches, both basic and applied. Further, it aims to provide qualified personnel required to satisfy the kingdom command in the field of chemistry. The programme is also aims to develop the academic ability of the student through scientific meetings and seminars; and also to prepare those kind of students who would be able to pursue the doctoral programme with ease.

#### **Admission Requirments**

*i.* Admission and registration procedures should follow the higher graduate statutes in King Saud University.

*ii.* Qualifying courses for any student has been graduated from chemistry department in any institute other than King Saud University. The students should attend these courses before commencing the programme, and they should pass exam. with grade "good" at least in each course and with grade "very good" in all courses(accumulative).

*iii.* Admission of full-time students according to the statutes.

#### **Academic Regulations**

**Courses and Thesis.** Required credit hours for master degree are 24 hours of graduate level courses in chemistry, in three academic semesters, eight credits in each one. The 24 hours are constructed as : six in each one of the following chemistry branches, Analytical, Inorganic, Organic and Physical.

**Dissertation .** As stated in Chapter eight, items 41-44 of the statutes.

**Study period .** The minimum period in the programme is 4 academic semesters(two years) while the maximum is 8 semesters ( stated in Chapter six, item 36a of the statutes).

#### **Ph. D. Program in Chemistry**

Ph.D. program aims to provide educating qualified professionals who could contribute to the development of the Kingdom in various areas : education at Saudi Universities, research centres and manufactural establishments. Further, to enrich the scientific researches and to reduce the scholarships outside the Kingdom wherein they will be limited only to certain specialists.

#### **Admission Requirments**

*i.* Personal meeting

*ii.* Admission of full-time students.

*iii.* TOEFL : should be passed with rate 450 at least.

#### **Academic Regulations**

**Courses and Thesis.** The courses constitutes 18 credits, and they should be within two academic semesters and with grade very good (accumulative : 3.75 out of 5).

**Comprehensive exam.** Three papers, two are in all branches of chemistry while the third one is in the branch which would be chosen from the student as the subject for his(her) thesis. Each paper period is three hours long. The second part of this exam. is oral which requires 2- 3 hours period and covers all branches of chemistry. The student should pass this exam. for the first time. However, in the case of failing (even in part of the exam.) another chance is given to the student to attend the exam. within the two following semesters to his fail. If the student fails for the 2nd time, he would not be as a Ph.D. candidate. (Chapter seven, item 40 of the statutes).

**Thesis .** It can not be registered unless the student passes *comprehensive exam.* (As stated in Chapter eight, items 41-44 of the statutes).

**Study period .** The minimum period in the programme is 6 academic semesters(two years) while the maximum is 10 semesters ( stated in Chapter six, item 36b of the statutes).

*For further information : e-mail : hhazimi*