

Master of Science in Zoology

College of Science

King Faisal University

Program Name	Master of Science in Zoology
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1. Introduction

The Department of Biological Sciences is committed to offer a distinguished master program in Zoology giving the students a chance to acquire skills and knowledge that would meet the needs of their society and raise their employment rate. The program is also committed to help in finding practical solutions to local environmental and health challenges. Therefore, the Zoology program serve the community, raise the economic level of the region, and provide a suitable climate for research and academic publishing in prestigious journals.

2. Program Information

Program Name	Master of Science in Zoology
College	College of Science
Department	Biological Sciences
Track	Zoology
Level	Postgraduate
Degree	MSc
Years of Study	2 Years
Credit Hours	30
Language	English

3. Admission Requirements

Admission and registrations procedures with regulation of graduates studies in universities of the Kingdom

- Admission require the student achieved at least very good in the bachelor's degree.
- Pass the written Exam.
- Score of TOEFL (60) or IELTS (5), or STEP (83).

4. Study Plan

A minimum of two years is required for obtaining Master's degree,

- Maximum of three years for full time students.
- Maximum is four years As for part time students

Thesis program

Successful completion of (30 h) with a cumulative GPA of at least Very Good including:

- Compulsory courses (16 h).
- Elective courses (6 h).
- Two Panel discussions (2 h).
- Thesis discussion (6 h, spreading in two semesters) and the topic of the thesis is chosen in coordination with the supervisor and after approval of the Dept. Council.

Year 1

Compulsory general and specialized courses to be studied in the first and second semesters of the first academic year as shown:

First Semester

Course Code	Course Title	Credit Hours
0816-500	Molecular Biology	3
0816-571	Cell Biology and Histology	2
0816-572	Animal Ecology	3

Second Semester

Course Code	Course Title	Credit Hours
0816-502	Methodology and thesis writing	1
0816-503	Biostatistics	2
0816-573	Advanced Embryology	2
0816-574	Animal Ecophysiology	3

Under the guidance of academic supervisor, students choose elective modules (6 h) in the following year.

Elective Courses

Course Code	Course Title	Credit Hours
0816-501	Biochemistry	3
0816-575	Histochemistry	2
0816-576	Cellular Imaging	2
0816-577	Signal Transduction and Biology of Cancer	2
0816-578	Cell culture	2
0816-579	Selected topics in Genetics	2
0816-580	Enzymes and Cellular Metabolism	3
0816-581	Toxicology and Antioxidants	3
0816-582	Body fluids	2
0816-583	Endocrinology	2
0816-584	Advanced Immunology	2
0816-585	Advanced Parasitology	2
0816-586	Advanced Insect Taxonomy	2
0816-587	Applied Entomology	2
0816-588	Forensic Invertebrates	2
0816-589	Advanced Vertebrate Biology	2
0816-590	Teratology	2
0816-591	Behavioural Ecology	2
0816-592	Fauna of Saudi Arabia	2
0816-593	Aquatic Biology	3
0816-594	Panel Discussion	1
0816-599	Thesis	6