

Program/Course Outcome

Program: B.Sc. (Medical)

Course: Zoology

Subject: Course Outcome

The branch deals with the structure, embryology, evolution, classification, habits, and distribution of all animals, both living and extinct. For someone who is interested in making a career in Zoology will be required to deal with both the existing, dead and quite possible the extinct species of the animal kingdom. On choosing this career, the person specializing in the field will be referred to as a **zoologist**. On being a part of this field, one will be carefully have to study the *behavior, characteristics, evolutionary trends* of the different species of animals and those factors having a direct impact on them.

Program Outcome:

Zoology as a career as a number of specializations because of which the students are presented with a plethora of career options once they chose to be associated with this field. This field is concerned with the preservation and management of animal kingdom and a career in it would mean that you are a part of that responsibility.

A zoologist might even get to travel because the nature of his / her job:-

1. Channels like **National Geographic, Animal Planet, and Discovery Channel** are in constant need of Zoologists for research and documentaries.
2. Zoologists are also hired for zoos, wildlife services, botanical gardens, conservation organizations, national parks, nature reserves etc.
3. Zoologists are required universities, laboratories, aquariums, animal clinics, fisheries and aquaculture, museums, research etc.
4. Zoologists are also required in pharmaceutical Companies, veterinary hospitals, etc.
5. On successful completion of pisciculture and pest management course students are able to starts self-business like Aquaculture, Pisci culture etc. and through pest management course students are able to control the pest , who damaged 20% yield of the farmer.
6. Developmental biology course familiarizes the students to know about the developmental process of the animals.

Not only this, few other people who are zoologists by nature; *Animal Behaviorists, Animal breeders, Animal Trainers, Animal Caretakers, Animal and Wildlife Educators, Animal*

rehabilitator, Conservationists, Documentary Maker, Forensic Experts, Lab Technicians, Researcher, Wildlife Biologists, Veterinarian, Zoo keeper, Zoo Curator, and many more.

On successful completion of these courses the students should be able to understand fundamental concepts of Zoology and eligible to apply for various jobs in Private as well in Govt. Sectors.

Course Outcome:

- (a). Animal Diversity –I
- (b). Animal Diversity-II
- (c). Physiology & Biochemistry–I
- (d). Physiology & Biochemistry-II
- (e). Environmental Biology & Developmental Biology
- (f). Aqua-culture & Pest Management

Students will be able to understand the following:

1. Basic morphological structure, anatomy and physiological process of different phylum's animal.
2. Origin of evolution and developmental stages.
3. Physiological process and biochemical changes of different phylum's animal.
4. Action of different enzymes, hormones and other chemicals with their function in living organisms.
5. Basic knowledge about the environment and origin of evolution.
6. Process of development in living organisms.
7. Aqua-culture and pest management course aim to trained the students for self-business as pisci culture, pearl culture, Aquaculture and pest control.