**Minor Degree Programs**

Department of Life Sciences

School of Science

The BS participants while getting degrees in *Major*can opt for*Minors*, as well. ***For example***: The participant graduating with *Major in Zoology*plus*Minor in Biochemistry*, is possible. The same will apply for any other combination.

***Note***:

1. Minimum of 3.00 CGPA is required to be eligible
2. The *courses* compulsory for getting a specific Minor degree are given below. Registration for a Minor Program will be possible from the 5th semester.
3. A participant who completed the requirements of a specific program roadmap (*e.g.* 134 credit hours for Biotechnology) and studied extra credit hours (12 credit hours for the Minor in Zoology) requirements will get the degree in Minor as well.

**Minor in Biotechnology**

1. Agricultural Biotechnology (3 CrH)
2. Genetic Engineering (3 CrH)
3. Health Biotechnology (3 CrH)
4. Industrial Biotechnology (3 CrH)
5. Cell Biology
6. Classical Genetics
7. Microbiology
8. Analytical Techniques in Biotechnology

Note: The student has to take 4 courses x 3 = 12 CrH for the award of Minor in Biotechnology.

**Minor in Biochemistry**

1. Industrial Biochemistry
2. Clinical Biochemistry
3. Nutritional Biochemistry
4. Metabolism and Bioenergetics
5. Cell Biology
6. Amino Acids, Proteins and Nucleic Acids
7. Carbohydrates and Lipids
8. Analytical Techniques in Biochemistry

Note: The student has to take 4 courses of 3 Credit hours each for the award of the Minor in Biochemistry.

**Minor in Microbiology**

1. Fundamentals of Microbiology
2. Food Microbiology
3. Clinical Bacteriology and Virology
4. Industrial Microbiology
5. Cell Biology
6. Genetics
7. General Virology
8. Epidemiology and Public Health

Note: The student has to take 4 courses x 3 = 12 CrH for the award of Minor in Microbiology.

**Minor in Zoology**

1. Animal Form and Function
2. Developmental Biology
3. Wildlife
4. Fisheries and Aquaculture
5. Cell Biology
6. Genetics
7. Biodiversity of Animals
8. Animal Behavior

Note: The student has to take 4 courses x 3 = 12 CrH for the award of Minor in Zoology.