

## Zoo 573 (Advanced Ecology (1))

Characteristics of aquatic and terrestrial animal populations (Natality rate, mortality rate, density, age distribution). Population growth, effect of abiotic factors on population growth (aquatic & terrestrial) species intra and inter-relationships. Population cycles, community changes, desert animal communities.

### Course objectives:

This course aims to provide graduate students with basic concepts of population and community Ecology of both terrestrial and aquatic animals as an integrated part of student's overall curriculum.