**Ankara Üniversitesi  
Kütüphane ve Dokümantasyon Daire Başkanlığı**

**Açık Ders Malzemeleri**

Ders izlence Formu

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| Dersin Kodu ve İsmi | **BIO307 General Ecology** |
| Dersin Sorumlusu | Prof. Dr. Gül Nilhan Tuğ  Assoc. Prof. Dr. Mehmet Borga Ergönül |
| Dersin Düzeyi | Lisans |
| Dersin Kredisi | 2 |
| Dersin Türü | Compulsory |
| Dersin İçeriği | Ecology definition and the relationship with ohter sciences. Habitat and ecological niche cosystem concept, general characteristics of ecosystems Ecological laws and concepts (Tolerance rules, restrictive rules, ecological tolerance, competition, concept of community, heights, convergence and divergence) Biogeochemical cycles (Carbon, Nitrogen, Phosphorus cycles) The importance of light and photoperiodism for plants and animals The importance of warmth for plants and animals Climatic characteristics and importance of soil factors for plants and animals Inter-population and inter-population relations. Biomes (generations of life) Population ecology Community ecology Reproduction ecology Ecological harmony and evolution. Applied ecology (conservation ecology, productivity ecology, pollution ecology). |
| Dersin Amacı | To understand the complicated interactions on ecosystem, by finding solutions to catch sustainable and amicably life line with human and nature |
| Dersin Süresi | 2 hours / week |
| Eğitim Dili | English |
| Ön Koşul | - |
| Önerilen Kaynaklar | Campbell, N.A. & Reece, J.B. General Biology.  Odum, E. P. (1959). Fundamentals of ecology. WB Saunders company.  Molles, C.M. 2015. Ecology; Concepts and Applications.McGrew Hill Education. |
| Laboratuvar | - |
| Diğer-1 |  |