**Ankara Üniversitesi  
Kütüphane ve Dokümantasyon Daire Başkanlığı**

**Açık Ders Malzemeleri**

Ders izlence Formu

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| Dersin Kodu ve İsmi | **BIO 205 PLANT HISTOLOGY** |
| Dersin Sorumlusu | PROF. DR. NUR MÜNEVVER PINAR |
| Dersin Düzeyi | BACHELOR’S DEGREE |
| Dersin Kredisi | (1 0 0) 1 |
| Dersin Türü | Compulsory |
| Dersin İçeriği | Within the scope of this course, the classification of tissue, tissue system, intercellular space system, cell wall, cell wall formation, embryonic tissue-meristems, characteristics of meristem cells, classification of meristem cells and permanent tissues, paranchymatic tissue; structure, functions and types, cell Wall, epidermis; structure and types, stoma; classification according to guard cells, hydatot and trichomes; structure and functions, trichome types and functions, periderm; structure and functions, the structure and formation of the phellem, fellogen and felloderm, conductive tissue and secretion tissue elements and their functions will be mentioned. |
| Dersin Amacı | Within the scope of the course, students can define the tissues; the ability to distinguish between plant cells and tissues, the ability to explain the importance of the intercellular space system, the ability to describe the cell wall structure and formation by drawing shapes, the ability to classify meristematic and permanent tissues according to their tasks, covering tissue, supporting tissue, conductive tissue, and secretory tissue elements and types. |
| Dersin Süresi | 1 hour/week |
| Eğitim Dili | ENGLISH |
| Ön Koşul | - |
| Önerilen Kaynaklar | Esau's Plant Anatomy: Meristems, Cells, and Tissues of the Plant Body: Their Structure, Function, and Development, R.F. Evert and S.E. Eichhorn, Wiley-Liss (2006).  Plant Anatomy: An Applied Approach, D. F. Cutler, T. Botha and D. Wm. Stevenson, Wiley-Blackwell, USA, 2007. |
| Laboratuvar | B. 255 Plant Histology Laboratory |
| Diğer-1 | - |