

Ankara Üniversitesi
Kütüphane ve Dokümantasyon Daire Başkanlığı
Açık Ders Malzemeleri

Schedule
Weekly Topics (Content)

Week	Topics
1. week	Course description, aim, importance. General characteristics of tumor cells.
2. week	Neoplasia: Definition, classification and epidemiology
3. week	Features of benign and malignant neoplasms
4. week	Carcinogenesis mechanisms.
5. week	Genes related to malignancy formation and genomic mechanism of cancer.
6. week	Spreading pathways and stages of tumor cells.
7. week	Karyotypic changes in neoplasms: Balanced translocations, chromosomal deletions, gene amplifications.
8. week	Grading and staging of cancer.
9. week	Tumor angiogenesis.
10. week	Cancer cachexia.
11. week	Effective mechanisms against tumors: Cellular and humoral immunity, immuno-surveillance.
12. week	Tumor immunology: Tumor antigens, immunological escape mechanisms, immunosystem neoplasms.
13. week	Cancer cells and cell cycle.
14. week	Common types of cancer, methods used in cancer treatment and new developments.