

**HARRAN UNIVERSITY FACULTY OF ARTS & SCIENCE**  
**BIOLOGY DEPARTMENT**

Name of the course	Code of the course	Semester	T + P	Credits	ECTS
Histology	0804428	4	3+2	4	6

Course prerequisite	N/A
---------------------	-----

Language of the course	Turkish
Type of the course (Obligatory/Elective)	Compulsory
Name of the instructor who taught the course last semester	Assist. Prof. Dr. Hatice (Gümüşhan) AKTAŞ
Aim and goals of the course	This lesson is aimed to understand the concepts of cell and tissue and to provide information about the tissue types in the human body.
Learning Outcomes of the Course	<b>At the end of this course the student;</b> <ol style="list-style-type: none"> <li>1. learn the concept of cell and tissue</li> <li>2. learn the tissue types in human body</li> <li>3. learn the properties, the functions and the body locations of epithelial tissue</li> <li>4. learn the properties, the functions and the body locations of connective tissues</li> <li>5. learn the properties, the functions and the body locations of muscle</li> <li>6. learn the properties, the functions and the body locations of nervous tissue</li> </ol>
Contents of the course	Epithelial Tissue, Connective Tissue, Muscle, Bone, Nervous Tissue, Gastrointestinal System, Circulatory System, Urinary System, Genital System, Nervous System

Weeks	Semester Teaching Plan
1	Introduction – Cellular structures
2	Epithelial tissue: general properties, functions, and epithelial tissue types I
3	Epithelial tissue types II (glandular epithelium: endocrin ve exocrin glands)
4	Connective tissues (general properties)
5	Connective tissues (basic)
6	Connective tissues (specialized)
7	Cartilage tissue
8	Midterm
9	Bone
10	Blood and circulatory system
11	Muscle
12	Nervous tissue and nervous system
13	Gastrointestinal system
14	Urinary system and genital system
15	Final exam

<b>General Competences</b>
To have knowledge about the types of tissues in vertebrates and their importance and functions.

<b>References</b>
1. KIERSZENBAUM, A.L., 2006, Histology and Cell Biology: Introduction to Pathology. 2. AKAY, M.T., 2001, General Histology. Ankara. 3. WELSCH, U., Sobotta Atlas of Histology, İstanbul, (Ed: Prof. Dr. Meral Tekelioğlu) 4. AKAY, M.T., 1996, Atlas of General Histology, Ankara.



<b>Evaluation</b>
Midterm : %30 Final : %50 Practice in Laboratory: %20