



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title	Skeleton and Specimen Preparations Techniques								
Course Code	VAN528		Course Level		Second Cycle (Master's Degree)				
ECTS Credit	2	Workload	50 (Hours)	Theory	1	Practice	2	Laboratory	0
Objectives of the Course	Preparation of materials for skeleton, the establishment and preservation methods of the skeleton. Preparation of organ models with various filling materials								
Course Content	Learning of skeleton preparation methods and skeleton preparation with these methods. Learning of skeleton production and protection. Production and protection of organ models.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation)								
Name of Lecturer(s)	Lec. İsmail Gökçe YILDIRIM								

### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	2	60

### Recommended or Required Reading

1	1. Kinnamon, K.E., Holborow, G.S., Simmonds, R.C., Sheridan, M.N. (1984): 2. Preparation of veterinary gross anatomy specimens: A method that allows storage at room temperature for four years. JAVMA, 184; 704-705 3. Last, R.J., Tompsett, D.H. (1962): Corrosion casts of the blood vessels of stillborn babies. Acta. Anat., 51; 338-348 4. Tompsett, D.H. (1970) Anatomical Techniques. 2nd Ed. Edinburg, London: E&S Livingstone. 5. von Hagens G and Tiedemann K (1987). The current potential of plastination. Anat and Embryol (Berl) 175(4): 411-421
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Week	Weekly Detailed Course Contents	
1	Theoretical	Learning of the basic steps of the preparation of the skeleton used in anatomy teaching
	Practice	Laboratory study
2	Theoretical	Learning of the basic steps of the preparation of the skeleton used in anatomy teaching
	Practice	Laboratory study
3	Theoretical	Preparation of skeleton materials
	Practice	Laboratory study
4	Theoretical	Preparation of skeleton materials
	Practice	Laboratory study
5	Theoretical	The establishment of the skeleton
	Practice	Laboratory study
6	Theoretical	The establishment of the skeleton
	Practice	Laboratory study
7	Theoretical	Homework discussion
	Practice	Laboratory study
8	Intermediate Exam	Midterm
9	Theoretical	Learning of for a long time storage conditions of the skeletons
	Practice	Laboratory study
10	Theoretical	Learning of for a long time storage conditions of the skeletons
	Practice	Laboratory study
11	Theoretical	Learning of model preparation techniques
	Practice	Laboratory study
13	Theoretical	Learning of model preparation techniques
	Practice	Laboratory study
14	Theoretical	Learning of the long-term protection, maintenance and storage conditions of models
	Practice	Laboratory study
15	Theoretical	Comparison of model preparation methods
	Practice	Laboratory study



16	Theoretical	Final exam
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**Workload Calculation**

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	1	14
Lecture - Practice	14	0	2	28
Midterm Examination	1	4	0	4
Final Examination	1	4	0	4
Total Workload (Hours)				50
[Total Workload (Hours) / 25*] = ECTS				2

\*25 hour workload is accepted as 1 ECTS

**Learning Outcomes**

1	1. Learning of skeleton techniques used in anatomy.
2	Learning of anatomical model techniques used in anatomy
3	To learn the preparation of skeletal materials
4	Learning model preparation techniques
5	To learn the comparison of model preparation methods

**Programme Outcomes** (*Anatomy (Veterinary Medicine) Master*)

1	Having the anatomical knowledge of all compendium animals especially, knowing the structures and physiological mechanisms
2	knowing to stages of a scientific research.
3	To be able to improve themselves by innovations of the Anatomy
4	Having the scientific and vocational wafer and defending this apprehension in every medium
5	To be able to interpret what they have learned in the field of veterinary anatomy

**Contribution of Learning Outcomes to Programme Outcomes** 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3	L4	L5
P1	3	3	3	4	4
P2	4	4	4	5	5
P3	4	5	5	4	4
P4	3	4	4	5	5

