

HARRAN UNIVERSITY

Name of the instructor who taught the course last semester: Prof. Dr. Çiğdem KÜÇÜK

Name of the course	Code	Term	T + P	Credit	ECTS
Virology	0804734	6	2+0	2	3

Type of the course (Obligatory/Elective)		Elective
Name of the instructor who taught the course last semester		Prof. Dr. Çiğdem KÜÇÜK
Aim and goals of the course		Teach the subjects of Virology
Contents of the course		As described in lecture content
Weeks	Semester Teaching Plan	
1	General Structure and Properties of viruses, classification	
2	Replication of viruses, Virus Cell Interactions	
3	The differences between viruses and other microorganisms, produced of viruses	
4	Viral interference, interferon	
5	Structural characteristics of viruses, bacteriophages	
6	DNA viruses, family Herpesviridae, Poxviridae family	
7	Adenoviridae, Parvoviridae family	
8	Midterm	
9	Papovaviridae	
10	Picornaviridae, Orthomyxoviridae, Paramyxoviridae	
11	Togaviridae, Rhabdoviridae family	
12	Retroviridae, Filoviridae	
13	Hepatitis viruses	
14	Arboviruses group, tumor viruses	
15	Final	
References		
Brock Biology of Microorganism (11 th Edition) M.T. Madigan, J. Martinko, J. Parker Cann, A. J. (2001) . <i>Principles of Molecular Virology</i> . Academic press ISBN 0-12-158533-6 Chiu, W. And Burnett, R. M. (Eds) (1997). <i>Structural Biology of Viruses</i> . Oxford University Press, Oxford. ISBN 0195118502 Dimmock, N., Easton A. And Leppard, K. (2006). <i>Introduction to Modern Virology</i> . John Wiley & Sons ISBN-13: 978-1405136457 Wagner, E.K., Hewlett, J., Bloom, D. C. and Camerini, D. (2007). <i>Basic Virology</i> . Wiley-Blackwell ISBN-13: 978-1-4051-4715-6		
Evaluation		
One written midterm exam (40%), one written final exam (%60).		