

## Planning and Quality Assurance Affairs

Form (A)

### Course Specifications

#### General Information

Course name	Virology
Course number	BIOL4329
Faculty	
Department	
Course type	Major Needs
Course level	4
Credit hours (theoretical)	3
Credit hours (practical)	0
Course Prerequisites	

#### Course Objectives

1 - To learn the general properties of viruses
2 - To study classification of viruses
3 - To discuss viral replication, propagation of viruses
4 - To study parthenogenesis of viruses, unconventional agents include viroids, prions. Antiviral chemotherapy

#### Course Contents

1 - General properties of viruses
2 - Classification of viruses
3 - Viral DNA replication strategies
4 - Viral RNA replication strategies
5 - Propagation of viruses in the laboratory
6 - Parthenogenesis of viruses
7 - Hepatitis viruses
8 - Influenza viruses
9 - Poxviruses and herpes viruses
10 - Unconventional agents
11 - Antiviral chemotherapy

#### Teaching and Learning Methods

1 - lectures
2 - Discussion
3 - presentations

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**Students Assessment**

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
First hour exam	60minutes	20
Second hour exam	60minutes	20
Presentitions		10
Final exam	120minutes	50

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**Books and References**

Essential books	Introduction to modern virology, 5th ed. N.J. Dimmock, A. J. Easton & K. N. Lepperd Human virology. Leslie collier and John.Oxford University press
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