Course Specifications

General Information

Course name	Immunology
Course number	BIOL4327
Faculty	
Department	
Course type	College Needs
Course level	4
Credit hours (theoretical)	3
Credit hours (practical)	0
Course Prerequisites	

Course Objectives

1 - To learn a science of Immunology, innate & specific immunity, complement, antigens, immunoglobulin structure & function, immunoglobulins isotypes, Allotypes & idiotypes.

2 - To understand antigen-antibody Reaction

3 - To learn the antibody formation Major histocompatibility complex, cytokines & immunoregulation, cell-cell interaction in specific immune responses, immunization

Course Contents

1 - To learn the antibody formation Major histocompatibility complex , cytokines & immunoregulation, cell-cell interaction in specific immune responses, immunization

2 - This course cover the following subjects: Introduction to Immunology, innate & specific immunity, complement, antigens, immunoglobulin structure & function, immunoglobulins isotypes, Allotypes & idiotypes

3 - Antigen-antibody Reaction. Antibody formation Major histocompatibility complex, cytokines & immunoregulation, cell-cell interaction in specific immune responses, immunization

Teaching and Learning Methods

1 - Lectures

2 - Revision and Discussion sections

3 - Practical

Teaching and Learning Methods for the Disabled Students

1 - Will be treated and addressed individually according to the type of disability.

Students Assessment

Assessment Method	TIME	MARKS
First hour exam	60minutes	20
Second hour exam	60minutes	20
Attendence		10
Final exam	120minutes	50

Books and References

Essential books	Delves, Peter J., et al. Roitts essential immunology. Vol. 20. John Wiley & Sons, 2011.
Recommended books	Abbas, Abul K., Andrew HH Lichtman, and Shiv Pillai. Cellular and Molecular Immunology: with STUDENT CONSULT Online Access. Elsevier Health Sciences, 2014.