

Course Title	Biochemical Toxicology	
Course Code	BC5118	
Course type	electivey	
Academic Year	2016/ 2017	
Coordinator	Prof. Tarek M Mohamed	
Other Staff	Dr. ThoriaKhalifa	
Semester	Semester 2	
Level		
Pre-Requisite	BC5101	
Course Delivery	Lecture	14 x 1h lectures
	credit	2h
Parent Department	Chemistry Department	

Contents

Part I

Lecture 1	Introduction to toxicology and areas of toxicology
Lecture 2	Types of toxins and their routes of administration to laboratory animals
Lecture 3	Fundamentals of toxicology and dose response relationships
Lecture 4	Teratogenesis and forensic toxicology
Lecture 5	Factors affecting toxic responses: Disposition
Lecture 6,7	Factors affecting toxic responses: metabolism
Lecture 8	Midterm
Lecture 9	Factors affecting metabolism and disposition
Lecture 10,11,12	Biochemical mechanisms of toxicity
Lecture 13	Mutagenesis and carcinogenesis
Lecture 14	Assessment