Course Title	**Metal ions in Biochemistry**	
Course Code	**BC5111**	
Course type	**Obligatory**	
Academic Year	**2016/2017**	
Coordinator	**Prof. Tarek M. Mohamed**	
Other staff	Dr Thoria Abalaziz	
Semester	**Semester 1**	
Level	**Level one**	
Pre-Requisite		
Course Delivery	**Lecture**	**14 x 1h lectures**
	credit	**1h**
Parent Department	**Chemistry Department**	

Contents

Metal ions in Biochemistry(An hour/week)

Lecture 1	Metabolism of water
Lecture 2, 3	Sodium, potassium and cholorine metabolism.
Lecture 4	Hormonal regulation of sodim potassium and water
Lecture 5, 6	Calcium phosphorus metabolism
Lecture 7, 8	Iron metabolism
Lecture 9	Mid term
Lecture 10	Sulpher metabolism
Lecture 11	Cupper metabolism
Lecture 12	Zinc metabolism
Lecture 13, 14	Other trace element metabolism