

## BSc Occupational Health & Safety

### Course Structure

First Year			
Semester 1	Credits	Semester 2	Credits
a. <b>Introduction to basic computing(ICT)</b>	3	a. Hazard recognition and Control 2	10
b. <b>Communication skills</b>	3	b. Principles of Control	10
c. Fundamentals of Occupational Health and Safety	10	c. Occupational Safety and Health Science	10
d. Occupational Health and Safety Law	10	d. Managing of Health and Safety Systems	10
e. Hazard Recognition and Control 1	10		
Second Year			
Semester 1	Credits	Semester 2	Credits
1. Chemistry	10	a. Accident management and investigation	10
2. Introduction to research methods	10	b. Human anatomy and Physiology	10
3. Human factors in Occupational Safety and Health	10	c. First aid	10
4. Emergency management	10	d. Effective Leadership	10
		e. Mini research project	10
		f. Internship	10
Field practice			6
Third Year			

Semester 1	Credits	Semester 2	Credits
a. Occupational Hygiene	10	a. Toxicology	10
b. Risk Assessment and Risk Management	10	b. Fire safety	10
c. Ergonomics for Occupational Health and Safety	10	c. Occupational Health and Safety Standards	10
d. Performance management through training and development	10	d. Applied research and biostatistics	10
<b>Fourth Year</b>			
Semester 1	Credits	Semester 2	Credits
a. Epidemiology and disease control	10	a. Project Management	10
b. Fundamentals of Auditing Occupational Health and Safety System	10	b. Research project in OHS science	10
c. Introduction to Human Resource Management	10	c. Construction Safety	10
d. Environmental Aspects of Health and Safety	10	d. Mining Safety	10
		e. Internship	10