Faculty of Engineering Technology

Bachelor of Engineering Technology Occupational Safety and Health-BPS

Plan of Study

Semester 1		
UHL2412 English for Academic Communications	2	
UHR1012 Islamic and Asia Civilizations	2	
UQB**1 Co-Curriculum 1	1	
BUM2123 Applied Calculus	3	
BPS1313 OSH Fundamental	3	
BPS1323 Introduction To Engineering Science	3	
BPS1333 OSHE Legislation	3	
Total	17	

Semester 2		
UHL2422 English for Technical Communications	2	
UHF11*1 Foreign Language 1	1	
UHM2022 Ethnic Relations	2	
UQ*2**1 Co-Curriculum 2	1	
BPS1363 Industrial Psychology	3	
BPS1343 Fire and Building Safety	3	
BPS1353 Hazard Recognition & Risk Management	3	
BPS1363 Industrial Toxicology	3	
Total	18	

Semester 3		
UHF2041 Foreign Language 2	1	
UHR2012 Islamic Institution	2	
UHS1021 Soft-skills 1	1	
BUM2413 Applied Statistics	3	
BPF2413 Management Information System	3	
BPS3323 Industrial Hygiene	3	
BPS2323 Behavior Based Safety	3	
BPS2333 Toxic &Hazardous Waste Management	3	
Total	19	

Semester 4		
BPF2123 Quality Management System	3	
BPS2343 Occupational Epidemiology & Disease	3	
BPS3343 Emergency Response & Preparedness	3	
BPS2363 Ergonomics	3	
BPS2374 Exposure Measurement Techniques &Analysis	4	
BPS2613 Environmental Management and Green Technology (Elective 1)	3	
Total	19	

Semester 5		
UHS2011 Soft-skills 2	1	
BPF2113 Research Method	3	
BPS3313 Applied Mechanics for Safety	3	
BPS3323 Industrial Safety	3	
BPS3613 Business Continuity Plan (Elective 2)	3	
Total	13	

Semester 6		
UGE2002 Technopreneurship	2	
UHL2432 English for Professional Communications	2	
BPS3343 Accident & Incident Investigation Analysis	3	
BPS3353 Human Factor in Safety Engineering	3	
BPS 3623 Air Pollution Control Technology (Elective 3)	3	
BPS3512 Final Year Project 1	2	
Total	15	

Semester 7		
BPS3343 Process Safety & Loss Prevention	3	
BPS4323 OSH Management System	3	
BPS4613 Construction Safety (Elective 4)	3	
BPS4514 Final Year Project 2	4	
Elective 5*	3	
Total	16	

Semester 8		
BPS4538 Industrial Training	8	
BPS4534 Industrial Training Report	4	
Total	12	

TOTAL CREDIT HOURS FOR GRADUATION: 129

Revised March 2015

Completing graduation requirements is solely the responsibility of the student.

- Elective 5 can be taken from any semester beginning semster 4 to 7