CURRICULUM STRUCTURE

MASTER OF SCIENCE (PROCESS SAFETY, HEALTH, AND ENVIRONMENT)
(Coursework)

FULL-TIME MODE

YEAR	FIRST	
SEMESTER	**I**	**II**
Core	KSJ10103 Hazard Analysis and Risk Management	KSJ10703 Process Plant Reliability and Maintainability
	KSJ10203 Process Safety, Health and Environment Management System	KSJ10803 Safe Design and Operation
	KSJ10303 Process Safety, Health and Environment Legislation	KSJ10903 Industrial Hygiene Engineering
	KSJ10403 Incident Investigation	KSJ11003 Pollution Control Technology
	KSJ10503 Occupational Health	Elective
	KSJ10603 Biosafety Engineering	KSJ11606 Research Project
	KSJ11502 Research Methodology	
Total Credit	**20**	**20**

Elective			
KSJ11102 Corrosion Engineering	KSJ11202 Structural Health Monitoring	KSJ11302 Crisis, Emergency & Disaster Management	KSJ11402 Fire and Explosion Engineering

CURRICULUM STRUCTURE

MASTER OF SCIENCE (PROCESS SAFETY, HEALTH, AND ENVIRONMENT)
(Coursework)

PART-TIME MODE

YEAR	**FIRST**	
SEMESTER	**I**	**II**
Core	KSJ10103 Hazard Analysis and Risk Management	KSJ10703 Process Plant Reliability and Maintainability
	KSJ10203 Process Safety, Health and Environment Management System	KSJ10803 Safe Design and Operation
	KSJ10303 Process Safety, Health and Environment Legislation	KSJ10903 Industrial Hygiene Engineering
		KSJ11003 Pollution Control Technology
Total Credit	**9**	**12**

YEAR	**SECOND**	
SEMESTER	**I**	**II**
Core	KSJ10403 Incident Investigation	Elective
	KSJ10503 Occupational Health	KSJ11606 Research Project
	KSJ10603 Biosafety Engineering	
	KSJ11502 Research Methodology	
Total Credit	**11**	**8**

Elective			
KSJ11102 Corrosion Engineering	KSJ11202 Structural Health Monitoring	KSJ11302 Crisis, Emergency & Disaster Management	KSJ11402 Fire and Explosion Engineering