

COURSE LIST
SEMESTER II SESSION 2024/2025
BACHELOR OF SCIENCE INDUSTRIAL CHEMISTRY WITH HONOURS – BWK
FACULTY OF APPLIED SCIENCES AND TECHNOLOGY

FIRST YEAR

No.	Course Code	Course Name	Section	Faculty	Credit
	UQ*1XX01	Co-curriculum I			
	UQU10702	Appreciation of Ethics and Civilization	3,4	Open	2
	UQI11202	Philosophy and Current Issues	2,5	Open	2
		Foreign Languages: (<i>choose 1 only</i>)			
		• UHB10502- French Communication	4	Open	2
		• UHB10402- Arab Communication	7		
		• UHB10702- German Communication	7		
		• UHB10602- Spanish Communication	2		
		• UHB10802- Japanese Communication	5,10		
		• UHB10902- Mandarin Communication	17		
	BWK10103	Physical Chemistry	1	FAST	3
	BWK10503	Inorganic Chemistry II	1	FAST	3
	BWK10603	Organic Chemistry II	1	FAST	3
	BWK10802	Chemistry Laboratory II	1	FAST	2
Total Credit					11

SECOND YEAR

No.	Course Code	Course Name	Section	Faculty	Credit
	BWU10102	Entrepreneurship	1	FAST	2
	BWU10202	Creativity and Innovation	5	FAST	2
	BWU10302	Occupational Safety and Health	2	FAST	2
	BWK20603	Chemical Industry Unit Process and Operation	1	FAST	3
	BWK20702	Industrial Water and Wastewater Treatment	1	FAST	2
	BWK20803	Natural Product Chemistry	1	FAST	3
	BWK20902	Chemistry Laboratory IV	1	FAST	2
Total Credit					16

THIRD YEAR

No.	Course Code	Course Name	Section	Faculty	Credit
	UHB40102	English for Occupational Purposes	32	Open	2
	BWK30602	Chemical Industry Seminar	1	FAST	2
	BWK30703	Separation Techniques	1	FAST	3
	BWK30803	Oleochemicals Industry	1	FAST	3
	BWK30903	Industrial Catalysis	1	FAST	3
	BWK31003	Agricultural Chemical Industry	1	FAST	3
Total Credit					14

FINAL YEAR

No.	Course Code	Course Name	Section	Faculty	Credit
	UHB40102	English for Occupational Purposes (<i>1 Student Only</i>)	32	Open	2
	BWK30103	Total Quality Management <i>1 Student Only</i>)	1	FAST	3
	BWK30303	Oil, Gas And Petrochemical Industry <i>1 Student Only</i>)	1	FAST	3
	BWK30503	Polymer Industry <i>1 Student Only</i>)	1	FAST	3
Total Credit					9
	BWK40103	Quality Control And Assurance <i>1 Student Only</i>)	1	FAST	3
	BWK40204	Industrial Safety <i>1 Student Only</i>)	1	FAST	4
	BWK40304	Industrial Technology And Operation <i>1 Student Only</i>)	1	FAST	4
	BWK40403	Industrial Project Proposal <i>1 Student Only</i>)	1	FAST	3
Total Credit					14
	BWK40503	Industrial Project Framework	1	FAST	3
	BWK40605	Industrial Project Development	1	FAST	5
	BWK40704	Industrial Project Writing	1	FAST	4
Total Credit					12