

Petrochemical Eng. Department, Study plan spring 2019

4th semester

Code	Course name	Pre – requisites	Cr
EB 204	Math 4	EB 103	3
EE 208	Fundamentals of electric engineering	EB 122- EB102	3
EP 213	Organic Chemistry 2	EP210	3
EP 314	Instrumental analysis	EB 131	3
EP315	Physical chemistry	EB131	3
UC01S	Communication skills	-----	1
Total Cr. Hours			16

لابد من فتح مقررات اللائحة القديمة

PE 213	Organic Chemistry 2	PE210	3
PE 314	Instrumental analysis	PE214	3
PE315	Physical chemistry	BE131	3

6th semester

Code	Course name	Cr	Pre – requisites
EP389	Introduction to environmental engineering	3	EP210 ,EP214
EP220	Chemical Engineering Thermodynamics 2	4	EP200
EP231	Heat transfer	4	EP327
UGA03	Arabic language	2	----
EP 340	Safety for petrochemical industries	2	----
EP332	Flow sheeting(elective)	3	EP 327
<i>Total Cr. Hours</i>		18	

لابد من فتح مقررات اللائحة القديمة

PE 389	Introduction to environmental engineering	PE214	3
PE 220	Chemical Engineering Thermodynamics 2	PE200	4
PE 231	Heat transfer	PE 213	4

8th semester

Code	Course name	Cr	Pre – requisites
EP 317	Unit operations	4	EP313
EP320	Automatic control	3	EB204
EP336	Polymer 2	3	EP335
EP332	Flow sheeting(elective)	3	EP 327
EP 329	Fiber technology	3	EP335
HU 164	Research methods	2	-----
<i>Total Cr. Hours</i>		18	

لابد من فتح مقررات اللائحة القديمة

Code	Course name	Cr	Pre – requisites
PE 317	Unit operations	4	P E313
PE 320	Automatic control	3	BE204
HU 170	Risk management	2	-----
PE 321	Computer application	2	PE231
PE 318	Corrosion	3	BE 131

10th Semester

code	Subject	Prerequisites	Credit Hours
PE 362	Petroleum refining& evaluation of its products	PE 213	4
PE 369	Chemical Plant design II	PE 327	3
PE 329	Fiber technology (elective)	PE 201	3
PE 390	Industrial Equipment and Material Handling	PE317	3
PE 336	Polymer 2	PE335	3
PE 400-2	Graduation Project II	PE 400-1	4
	Total		20

Head of department : Prof.Dr. Mohamed Fahim

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