

Study Plan for ID 68

Industrial Chemistry and Management (129 Credit)

First year							
Semester 1 (Aug-Dec)				Semester 2 (Jan-May)			
Code	Subject	Credits	Condition	Code	Subject	Credits	Condition
2301107	CALCULUS I	3		2301108	CALCULUS II	3	PRER 2301107
2302107	COMP APP CHEM	1		2302102	GEN CHEM II	3	
2302101	GEN CHEM I	3		2303109	GENERAL BIOLOGY	3	
2302103	GEN CHEM LAB	1		2303110	GEN BIO LAB	1	
5503111	ENG COMM SCI I	3		2304151	ESSENTIAL PHYS	3	
xxxxxxx	Language:Non-native	3		2304191	PHYSICS LAB FOR CHEM	1	
xxxxxxx	Gen Ed ¹	3		5503122	ENG COMM SCI II	3	PRER 5500181 OR 5503111
				xxxxxxx	Gen Ed	3	
	Total	17			Total	20	

Second year							
Semester 1 (Aug-Dec)				Semester 2 (Jan-May)			
Code	Subject	Credits	Condition	Code	Subject	Credits	Condition
2302104	CHEM HAZ MGT	3		2301286	PROBABILITY AND STATISTICS	3	PRER 2301113 OR 2301107 OR 2301117
2302204	INORG CHEM	3		2302206	ANAL CHEM II	3	
2302205	ANAL CHEM I	3		2302272	ORG CHEM II	3	
2302231	PHYS CHEM I	3		2302305	PRAC CHEM	1	PRER 2302103
2302271	ORG CHEM I	3		2602171	BUS CPTS/ETHICS	3	
2302393	CHEM INFO TECH	2		xxxxxxx	Gen Ed	3	
2302203	ORG CHEM LAB	1	PRER 2302103				
5503213	COMM PRES SKIL SCI	3	PRER 5503122	xxxxxxx	Gen Ed	3	
	Total	21			Total	19	

Third year							
Semester 1 (Aug-Dec)				Semester 2 (Jan-May) ²			
Code	Subject	Credits	Condition	Code	Subject	Credits	Condition
2302303	SPECT CHEM	2	PRER 2302202 OR 2302272	2302307	INTER SCI SOC PROJ	4	COREQ 2302399
2302306	SCI PROJ COMM SUS	2		2302399	PROJECT PROPOSAL	1	
2601120	FIN ACCTG	3		xxxxxxx	Elective (Module)	3	
2602313	MGT/ORGANIZATION	3		xxxxxxx	Elective (Module)	3	
2605311	PRIN MKTG	3		xxxxxxx	Free Elective (Module)	3	
2900111	ECONOMICS I	3					
3401250	BUSINESS LAW	2					
	Total	18			Total	14	

Fourth year							
Semester 1 (Aug-Dec)				Semester 2 (Jan-May)			
Code	Subject	Credits	Condition	Code	Subject	Credits	Condition
2302402	APP CHEM PROJ	2		2302301	SEMINAR	1	
				2302352	IND CHEM TECH	3	
				2302404	CURR PROB APP CHEM	2	
				2302351	QUAL ASSCE SYS	3	
				xxxxxxx	Gen Ed	3	
				xxxxxxx	Gen Ed	3	
				xxxxxxx	Free Elective	3	
	Total	2			Total	18	

Remark:

- "Gen Ed" refers to general education courses offered for International Programs by General Education Center.
- In the second semester of the 3rd year, the semester is divided into two halves. During the first half (*January-February*), students are required to enroll exclusively in course 2302307. During the second half (*March-May*), students will attend the remaining courses registered for that semester.
- Courses shown in blue are recommended for the specified semester; however, students may take them in alternative semesters as deemed appropriate in consultation with their academic advisors.
- Courses highlighted in yellow are designated as required courses within the specialized field.