

Study Plan for ID 66-70 Material Chemistry (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	
xxxxxx	Language:Non-native	3		2304191	PHYSICS LAB FOR CHEM	1	
xxxxxx	Gen Ed ¹	3		5503122	ENG COMM SCI II	3	PRER 5500181 OR 5503111
				xxxxxx	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		2302203	ORG CHEM LAB	1	PRER 2302103
2302205	ANAL CHEM I	3		2302206	ANAL CHEM II	3	
2302231	PHYS CHEM I	3		2302232	PHYS CHEM II	3	
2302271	ORG CHEM I	3		2302272	ORG CHEM II	3	
2302393	CHEM INFO TECH	2		2302281	FUND MAT CHEM	3	
5503213	COMMUNICATION AND PRESENTATION SKILLS FOR SCIENCE	3	PRER 5503122	2302305	PRAC CHEM	1	PRER 2302103
				xxxxxx	Gen Ed	3	
Total			20	Total			20

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	2302302	INTEG CHEM LAB	2	PRER 2302305
2302306	SCI PROJ COMM SUS	2		2302307	INTER SCI SOC PROJ	4	COREQ 2302399
2302380	INORGANIC MATERIALS	2	PRER 2302204 OR C.F.	2302334	SURF COLLD CHEM (Module)	2	
2302384	MACROMOL CHEM	3	PRER 2302202 OR 2302272	2302399	PROJECT PROPOSAL ³	1	
2302385	MAT ID	3		xxxxxx	Elective (Module)	3	
2302480	BIOPOLYMER	2		xxxxxx	Elective (Module)	3	
xxxxxx	Free Elective	3					
xxxxxx	Gen Ed	3					
Total			20	Total			15

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	
				xxxxxx	Gen Ed (Special Group)	3	
				xxxxxx	Gen Ed (Special Group)	3	
				xxxxxx	Free Elective	3	
Total			2	Total			15

Remark:

1. 'Gen Ed' refers to general education courses in these 5 categories- Social Science, Humanities, Sci&Math, Interdisciplinary, and Special Groups. All of them must be offered for International Programs by General Education Center.
2. Only in the 2nd semester of 3rd year, the semester is splitted in to two halves. In the first half (*Jan-Feb*), students must attend only 2302307 class. Then, in *Mar-May*, students can attend the rest of their registered courses in that semester.
3. Project Proposal course (2302399) is registered in the 2nd semester of 3rd year but the course span from *Aug 2566* till the end of the 2nd semester.
4. Courses in blue are placed in *suggested* semesters. They, however, can be taken in different semester as seen fit by the students and their academic advisors.