

## Study Plan for ID 61-65 Environmental Chemistry (127 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	PRER 2302101 OR C.F.		
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			
xxxxxx	Gen Ed <sup>1</sup>	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	
2301286	PROBABILITY AND STATISTICS	3	PRER 2301113 OR 2301107 OR 2301117	2302203	ORG CHEM LAB	1	PRER 2302103	
2302104	CHEM HAZ MGT	3		2302206	ANAL CHEM II	3	PRER 2302205 OR C.F.	
2302204	INORG CHEM	3	PRER 2302102	2302232	PHYS CHEM II	3	PRER 2302231 OR C.F.	
2302205	ANAL CHEM I	3	PRER 2302102	2302272	ORG CHEM II	3	PRER 2302271 OR C.F.	
2302231	PHYS CHEM I	3	PRER 2302112 OR 2302102 OR 2302105 OR C.F.	2302305	PRAC CHEM	1	PRER 2302103 and 2302205 OR C.F.	
2302271	ORG CHEM I	3	PRER 2302112 OR 2302102 OR C.F.	2302393	CHEM INFO TECH	2		
5503213	COMMUNICATION AND PRESENTATION SKILI	3	PRER 5503122	2308351	ENVIRONMENTAL SCIENCE I	3		
	FOR SCIENCE			XXXXXXX	Gen Ed	3		
	Total	21			Total	19		

	Third year								
	Semester 1 (Aug-Dec)				Semester 2 (Jan-May) <sup>2</sup>				
Code	Subject	Credits	Condition	Code	Subject	Credits	Condition		
2302303	SPECT CHEM	2	PRER 2302202 OR 2302272	2302307	INTER SCI SOC PROJ	4	COREQ 2302399		
2302442	ADVANCED ANALYTICAL TECHNIQUES	3	PRER 2302206 OR 2302244	2302315	ENVI CHEM LAB (Module)	2	PRER 2302305		
2308452	ENVIRONMENTAL SCIENCE II	3	PRER 2308351 OR C.F.	2302316	ENVI ECON SCI (Module)	3			
3404107	ENVIRONMENTAL LAW	3		2302399	PROJECT PROPOSAL3	1			
XXXXXXX	Elective	3		XXXXXXX	Elective (Module)	3			
XXXXXXX	Gen Ed	3							
XXXXXXX	Gen Ed	3							
	Total	20			Total	13			

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		
				XXXXXXX	Gen Ed	3		
				XXXXXXX	Free Elective	3		
				XXXXXXX	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.