

A minimum of 127 credits is required.

GENERAL EDUCATION (30 credits)	BASIC SCIENCE & MATHEMATICS (29 credits)	REQUIRED CHEMISTRY COURSE (36 credits)	REQUIRED COURSE IN SPECIALIZED FIELDS	ELECTIVES (6 credits)	FREE ELECTIVES (6 credits)
SOCIAL SCIENCE (3)	2301107 CALCULUS I (3)	2302104 CHEM HAZ MGT (3)	INDUSTRIAL CHEM & MGT (20 credits)	2302190 CHEM MOD LIFE (3)	
	2301108 CALCULUS II (3)	2302203 ORG CHEM LAB (1)	2302351 QUAL ASSCE SYS (3)	2302309 PROF INTERN (s/u)	
	2301286 PROBABILITY & STATISTICS (3)	2302204 INORG CHEM (3)	2601120 FIN ACCTG (3)	2302406 GREEN CHEMISTRY (3)	
HUMANITIES (3)	2302101 GEN CHEM I (3)	2302205 ANAL CHEM I (3)	2602171 BUS CPTS/ETHICS (3)	2302408 ZEOLITE TECHNOLOGY (3)	
	2302102 GEN CHEM II (3)	2302206 ANAL CHEM II (3)	2602313 MGT/ORGANIZATION (3)	2302409 CHEM GEMS (3)	
	2302103 GEN CHEM LAB (1)	2302231 PHYS CHEM I (3)	2605311 PRIN MKTG (3)	2302407 PERFUME AND FLAVORS (3)	
	2302301 SEMINAR (1)	2302271 ORG CHEM I (3)	2900111 ECONOMICS I (3)	2308341 SCI COMM (3)	
SCIENCE & MATH (3)	2302399 PROJECT PROPOSAL (1)	2302272 ORG CHEM II (3)	3401250 BUSINESS LAW (2)	2311132 NEW TECH MAT SCI (3)	
	2302402 APP CHEM PROJ (2)	2302303 SPECT CHEM (2)		2309426 GEOCHEM CYCLE OC (3)	
	2303109 GENERAL BIOLOGY (3)	2302305 PRAC CHEM (1)	MATERIAL CHEMISTRY (20 credits)	2601224 MNGL ACCTG (3)	
	2303110 GEN BIO LAB (1)	2302393 CHEM INFO TECH (2)	2302232 PHYS CHEM II (3)	2602344 PROD OPER MGT (3)	
INTERDISCIPLINARY (3)	2304151 ESSENTIAL PHYSICS (3)	2302307 INTER SCI SOC PROJ (4)	2302281 FUND MAT CHEM (3)	2800100 RHET/HUMAN COMM (3)	
	2304191 PHYSICS LAB FOR CHEM (1)	2302352 IND CHEM TECH (3)	2302302 INTEG CHEM LAB (2)		
	2302107 COMP APP CHEM (1)	2302404 CURR PROB APP CHEM (2)	2302334 SURF COLL CHEM (2)	or required courses of other options	
			2302384 MACROMOL CHEM (3)	and other courses approved by	
LANGUAGE (12)			2302385 MAT ID (3)	Department of Chemistry	
	5503111 ENG COMM SCI I (3)		2302380 INORG MATERIALS (2)		
	5503122 ENG COMM SCI II (3)		2302480 BIOPOLYMER (2)		
	5503213 COM PRES SKIL (3)			ENVIRONMENTAL CHEMISTRY (20 credits)	
Elective : Language Non-native (3)			2302232 PHYS CHEM II (3)		
General Education (Special Group) (6)			2302315 ENVI CHEM LAB (2)		
			2302316 ENVI ECON FOR SCIENTISTS (3)		
			2302442 ADV ANAL TECH (3)		
			2308351 ENVIRONMENTAL SCIENCE I (3)		
			2308452 ENVIRONMENTAL SCIENCE II (3)		
		3404107 ENVIRONMENTAL LAW (3)			

Warning: For BSAC Students, GEN ED course number 23XXXXX is not counted in Science & Math category.

Remark: General Education (Special Group) = All courses of Chulalongkorn University General Education Center, which taught in English (International Study Program)

Academic Record

1 st year	CA	CG	GPA	CAX	CGX	GPAX	GPX	2 nd year	CA	CG	GPA	CAX	CGX	GPAX	GPX	3 rd year	CA	CG	GPA	CAX	CGX	GPAX	GPX	4 th year	CA	CG	GPA	CAX	CGX	GPAX	GPX
1 st								1 st								1 st								1 st							
2 nd								2 nd								2 nd								2 nd							