



CHICAGO STATE
UNIVERSITY
College of Arts and Science

Bachelor of Science

Catalog year 2021-2022

CHMT

Secondary Teaching in Chemistry Option

**refer to the catalog at csu.edu for updates to program requirements*

Credit Hours	121 credit hours. Students must complete a minimum of 15 credit hours per semester or 30 credit hours per academic year to earn a Bachelor's Degree on time in 4.5 years.	
Grade Point Average	3.0 GPA for admission to COE	
Residency Rule	Complete last 30 hours at Chicago State University. No more than 66 credit hours may be transferred in from a 2-year school	
Examinations	Transfer students who transfer in general education courses that meet their general education requirements in English Composition or Mathematics with a C or better do not have to take the corresponding placement examination.	
General Education Core	Chicago State University requires a minimum of 39 credit hours in the following General Education competencies: (9 credits are embedded within the major)	
	English Composition (6 credits); Oral Communication (3 credits); Mathematics (3 credits); (CAS) Foreign language (3 credits);	Social Science (9 credits); Humanities (3 credits); Fine Arts (3 credits); Biological Sciences (3 credits); Natural Sciences (3 credits)
	Only approved courses will satisfy Gen Ed Requirements. Transfer students with an AA or AS degree have met all General Education Requirements.	

	Subject Code/ Course Number	Term Offered	Credit Hours	Gen Ed	Also Allowed	Pre/Co-requisite Courses
SEMESTER 1						
College Algebra	MATH 1200		3	Yes	Math 1250	
Composition I	ENGL 1270		3	Yes	Eng 1230	
General Chemistry I	CHEM 1400		3	Yes		Math 1200 and Chem 1410
General Chemistry I Lab	CHEM 1410		1	Yes		Chem 1400
Chemical Skills	CHEM 1010		1			FYSE
Foreign Language	Span/Fren/Chin/ AFL 1010		3	Yes		Other languages allowed; Other levels allowed.
Introduction to Psychology	PSYC 1100	F, S	3	Yes		
SEMESTER 2						
Trigonometry	Math 1210		3	Yes	Math 1250	Math 1200
Composition II	ENGL 1280		3	Yes	Eng 1240	Eng 1270
General Chemistry II	CHEM 1450		3			Math 1210 and Chem 1460
General Chemistry II Lab	CHEM 1460		1			Chem 1450
Psyc Child & Adoles	PSYC 2040	F, S	3	Yes		PSYC 1100
Communication for Profess.	CMAT 1130		3	Yes	CMAT 2030	

SEMESTER 3						
Calculus I	MATH 1410		4		Math 1415	Math 1210 or Math 1250
Calculus based Physics I	PHYS 2110		4	Yes		Math 1410
Analytic Chemistry I Lecture	Chem 2800	F	3			Chem 1450/1460
Analytic Chemistry I Lab	Chem 2810	F	1			Chem 1450/1460
Intro to Lab Practices	CHEM 2600	F	1			
Hist/Phil Am Pub	ED 2000	F	3			ED 1520

SEMESTER 4						
Calculus II	MATH 1420		4			Math 1410
Calculus based Physics II	PHYS 2220		4			Phys 2110/Math 1420
Organic Chemistry I	CHEM 2400		3			Chem 1450/1460
Organic Chemistry I Lab	CHEM 2410		1			Chem 2400
Educational Psych	PSYC 2020	F, S	3			PSYC 1100
Fine Arts elective			3	Yes		
SEMESTER 5						
Bilingual Education	BIL 4005		3			
Organic Chemistry II	CHEM 2450		3			Chem 2400/2460
Organic Chemistry II Lab	CHEM 2460		1			Chem 2450
Char Except Children	SPED 4301	F, S	3			PSYC 2040
Humanities elective			3	Yes		
Microscopic Physical Chemistry	CHEM 4200	F	3			Math 1420/Phys 2110
Microscopic Physical Chemistry Lab	CHEM 4210	F	1			Math 1410
SEMESTER 6						
Intro to Biology	BIOL 1710	F, S	4		Biol 1070 & 1080	
Students w/Excep Nds	SPED 4303		2			SPED 4301
Macroscopic Physical Chemistry	CHEM 4250	S	3			Math 1420/Phys 2220
Adv Lab	CHEM 4270	S	1			Chem 4210
Earth/Space Science	PH S 1140 or 1150	F, S	3			
Readings in Science Education	CHEM 4710 or CAS 4500		1			
Humanities or fine arts Elective		F, S	3			
Social science elective			3	yes		
SEMESTER 7						
Cert Test Rev	PHYS 1092	F, S	0			
Classroom Management	CAS 2630	F, S	1			Admitted to COE
Tch Sci Sec	CHEM 4630	F	3			Admitted to COE
Content Reading Middle Sec	READ 4100		2			Admitted to COE
Chem Internship	CHEM 2640	F,S	3			
Biochemistry I	CHEM 4303	F	3			Chem 2450/2460
Biochemistry I Lab	CHEM 4304	F	1			Chem 4303
SEMESTER 8						
Student Teaching (Needs to be taken alone)	CHEM 4750	F, S	6			CHEM 4630

Notes:

- Student teaching portfolio counts as senior thesis.