

CCAC to Chatham 2+2 Transfer Pathway

2024-2025

CCAC AS IN CHEMISTRY to CHATHAM BS IN CHEMISTRY

Odd Year Start

CCAC: YEARS 1 AND 2		CHATHAM UNIVERSITY: YEARS 3 AND 4	
Course	Credits	Course	Credits
FALL 1		FALL 3	
CH151/L General Chemistry 1 with Lab	4	CHM209 Inorganic Chemistry (Gen Ed SEE)	3
ENG101 English Composition 1	3	CHM338 Biochemistry I	3
SPH101 Oral Communication	3	CHM340 Macromolecule Lab	2
HUM Humanities Elective (Take English or philosophy course)	3	CHM345 Modeling Climate Change OR Elective	3
CIT Computer Info Technology Elective (Take CIT 111 Introduction to Programming: Java)	4	IND200W Introduction to Scientific Research	2
		Wellness	1
	Total credits	Total credits	14
17		14	
SPRING 1		SPRING 3	
CHM152/L General Chemistry 2 with Lab	4	CHM216LW Organic Chemistry Lab	2
ENG102 English Composition 2	3	CHM318L Chemical Analysis Lab	3
PHY221 Physics for Science and Engineering 1	4	CHM322 Topics in Analytical Chemistry	3
MAT201 Calculus 1	4	CHM339 Biochemistry II OR CHM343 Environmental Chemistry OR Elective	3
		Gen Ed Depth 200-level or above	3
	Total credits	Total credits	14
15		14	
FALL 2		FALL 4	
CHM 201/L Organic Chemistry 1 with Lab	4	CHM311 Physical Chemistry I	3
MAT202 Calculus 2	4	CHM317L Integrated Chemistry Lab	2
PHY222 Physics for Science and Engineering 2	4	IND350W Scientific Research Methods	2
HUM Humanities Elective (Take art or music course)	3	Gen Ed Mission: Global and International (GBL)	3
		Internship (<i>Many Chatham students complete over the summer</i>)	3
	Total credits	Wellness	1
15		Total credits	14
SPRING 2		SPRING 4	
CHM202/L Organic Chemistry 2 with Lab	4	CHM312 Physical Chemistry II	4
MAT250 Calculus 3	4	CHM 490 Chemistry Capstone	3
PHY223 Physics for Science and Engineering 3	4	Gen Ed Mission: Engagement and Responsibility (EGR)	3
SOSC Social Science Elective (Take economics, history, political science, psychology, or criminology)	3	Gen Ed Depth 200-level or above	3
		Elective	3
	Total credits	Total credits	16
15		16	

CCAC to Chatham 2+2 Transfer Pathway

2024-2025

CCAC AS IN CHEMISTRY to CHATHAM BS IN CHEMISTRY

Even Year Start

CCAC: YEARS 1 AND 2			CHATHAM UNIVERSITY: YEARS 3 AND 4		
Course		Credits	Course		Credits
FALL 1			FALL 3		
CH151/L	General Chemistry 1 with Lab	4	CHM311	Physical Chemistry I	3
ENG101	English Composition 1	3	CHM317L	Integrated Chemistry Lab	2
SPH101	Oral Communication	3	CHM338	Biochemistry I	3
HUM	Humanities Elective (Take English or philosophy course)	3	CHM340	Macromolecule Lab	2
CIT	Computer Info Technology Elective (Take CIT 111 Introduction to Programming: Java)	4	IND200W	Introduction to Scientific Research	2
				Wellness	1
	Total credits	17		Total credits	13
SPRING 1			SPRING 3		
CHM152/L	General Chemistry 2 with Lab	4	CHM216LW	Organic Chemistry Lab	2
ENG102	English Composition 2	3	CHM312	Physical Chemistry II	4
PHY221	Physics for Science and Engineering 1	4	CHM339	Biochemistry II OR CHM343 Environmental Chemistry OR Elective	3
MAT201	Calculus 1	4		Gen Ed Mission: Engagement and Responsibility (EGR)	3
	Total credits	15		Gen Ed Depth 200-level or above	3
				Total credits	15
FALL 2			FALL 4		
CHM 201/L	Organic Chemistry 1 with Lab	4	CHM209	Inorganic Chemistry (Gen Ed SEE)	3
MAT202	Calculus 2	4	CHM345	Modeling Climate Change OR Elective	3
PHY222	Physics for Science and Engineering 2	4	IND350W	Scientific Research Methods	2
HUM	Humanities Elective (Take art or music course)	3		Gen Ed Mission: Global and International (GBL)	3
	Total credits	15		Internship (<i>Many Chatham students complete over the summer</i>)	3
				Wellness	1
				Total credits	15
SPRING 2			SPRING 4		
CHM202/L	Organic Chemistry 2 with Lab	4	CHM318L	Chemical Analysis Lab	3
MAT250	Calculus 3	4	CHM322	Topics in Analytical Chemistry	3
PHY223	Physics for Science and Engineering 3	4	CHM 490	Chemistry Capstone	3
SOSC	Social Science Elective (Take economics, history, political science, psychology, or criminology)	3		Gen Ed Depth 200-level or above	3
	Total credits	15		Elective	3
				Total credits	15