

CCAC to Chatham 2+2 Transfer Pathway

2024-2025

CCAC AS IN BIOLOGY to CHATHAM BS IN BIOLOGY (Cell and Molecular Biology)

CCAC: YEARS 1 AND 2			CHATHAM UNIVERSITY: YEARS 3 AND 4		
Course		Credits	Course		Credits
FALL 1			FALL 3		
BIO151/L	General Biology 1 with Lab	4	MTH151	Calculus I	4
CHM151/L	General Chemistry 1 with Lab	4	PHY151	Fundamental of Physics I OR PHY251 Principles of Physics I	3-4
ENG101	English Composition 1	3	PHY155L	Fund. of Physics I Lab OR PHY255L Physics I Lab	1
MAT111	College Algebra	3		Gen Ed Mission: Global and International (GBL)	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
		18			14-15
SPRING 1			SPRING 3		
BIO152/L	General Biology 2 with Lab	4	PHY152	Fundamentals of Physics II OR PHY 252 Principles of Physics II	3-4
CHM152/L	General Chemistry 2 with Lab	4	PHY156L	Fund. of Physics II Lab OR PHY 256L Physics II Lab	1
ENG102	English Composition 2	3	BIO231	Cell and Molecular Biology	3
MAT142	Pre-Calculus	4	MTH110	Statistics	3
		Total credits	CHM216LW	Organic Chemistry Lab	2
		15		Gen Ed Depth 200-level or above	3
FALL 2					Total credits
CHM201/L	Organic Chemistry 1 with Lab	4			15-16
SPH101	Oral Communication	3	FALL 4		
HUM	Humanities Elective (Take art or music course)	3	BIO417	Genetics	3
RES	Restricted Elective (Take BIO121 Ecology and Sustainability)	3	CHM338	Biochemistry I	3
SOSC	Social Science Elective (Take SOC 101 Intro to Sociology)	3	CHM340	Macromolecule Lab	2
		Total credits	IND350W	Scientific Research Methods	3
		16		Internship (<i>Many Chatham students complete over the summer</i>)	3
SPRING 2				Wellness	1
CHM202/L	Organic Chemistry 2 with Lab	4			Total credits
HUM	Humanities Elective (Take English or philosophy course)	3			14
RES	Restricted Elective (Take BIO201 Botany)	4	SPRING 4		
RES	Restricted Elective (Take BIO207 Genetics)	4	BIO490	Biology Capstone	3
SOSC	Social Science Elective (Take economics, history, political science, psychology, or criminology)	3	BIO408	Developmental Biology	3
		Total credits		Gen Ed Depth 200-level or above	3
		18		Gen Ed Depth 200-level or above	3
				Elective	3
					Total credits
					15