

CCAC to Chatham 2+2 Transfer Pathway

2024-2025

CCAC AS IN BIOLOGY to CHATHAM BS IN NEUROSCIENCE

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	BIO 209 Basic Neuroscience	3
CHM151/L General Chemistry 1 with Lab	4	BIO 209LW Basic Neuroscience Lab	2
ENG 101 English Composition 1	3	IND200W Introduction to Scientific Research	2
MAT111 College Algebra	3	MTH 151 Calculus I	4
CIT Computer Info Technology Elective (Take CIT111 Introduction to Programming: Java)	4	Gen Ed Mission: Global and International (GBL)	3
		Wellness	1
	Total credits	Total credits	16
18		16	
SPRING 1		SPRING 3	
BIO152/L General Biology 2 with Lab	4	BIO 231 Cell and Molecular Biology	3
CHM152/L General Chemistry 2 with Lab	4	BIO423 Neurobiology of Mental Health* OR Gen Ed Depth Elective	3
ENG102 English Composition 2	3	BIO487 Neuropathology* OR Gen Ed Depth Elective	3
MAT142 Pre-Calculus	4	MTH 110 Statistics	3
	Total credits	PSY307 Cognitive Psychology	3
	15	Wellness	1
		Total credits	16
FALL 2		FALL 4	
CHM201/L Organic Chemistry 1 with Lab	4	Internship (<i>Many Chatham students complete over the summer</i>)	3
SPH 101 Oral Communication	3	BIO319 Experimental Neuroscience	3
HUM Humanities Elective (Take art or music course)	3	BIO417 Genetics OR CHM338 Biochemistry I OR Elective	3
RES Restricted Elective (Take BIO121 Ecology and Sustainability)	3	IND350W Scientific Research Methods	2
SOSC Social Science Elective (Take SOC 101 Intro Sociology)	3	PSY3xx Psychology Elective	3
	Total credits	Gen Ed Depth Elective	3
	16	Total credits	17
SPRING 2		SPRING 4	
CHM202/L Organic Chemistry 2 with Lab	4	BIO408 Developmental Biology OR Elective	3
HUM Humanities Elective (Take English or Philosophy Course)	3	BIO423 Neurobiology of Mental Health* OR Gen Ed Depth Elective	3
RES Restricted Elective (Take BIO201 Botany)	4	BIO487 Neuropathology* OR Gen Ed Depth Elective	3
RES Restricted Elective (Take BIO207 Genetics)	4	BIO490 Biology Capstone	3
SOSC Social Science Elective (Take PSY101)	3	PSY3xx Psychology Elective	3
	Total credits	Total credits	15
	18		

*BIO423 and BIO487 are currently scheduled to run every other year. Students would be able to take these courses in either their 3rd or 4th year at Chatham, as long as they complete BIO209 (pre-req) in fall of their 3rd year. In the off year, the students would fulfill their Gen Ed Depth Electives.