NATURAL SCIENCE: CHEMISTRY

Bachelor of Science

The following degree plan is applicable to students enrolling at Central Christian College of Kansas after July 1, 2019, through June 30, 2020. This degree plan will remain in effect until the student ceases continuous full-time enrollment or declares a new major, minor, emphasis, or concentration. Students not maintaining continuous enrollment will need to meet graduation requirements as stipulated by the Catalog of record at their point of reentry. Students may also opt to request that the graduation standards of any Catalog associated with their current enrollment determine graduation standards.

Foundational Skills			
GS-SM 104	First Year Seminar	1	
EN-CP 103	English Composition I (WV-ACT≥22)*	3	
EN-CP 104	English Composition II	3	
_____	Communication Course	3	
Liberal Arts			
Fit Mind			
_____	Science Course	3	
NS-MA 104	College Algebra or Higher	3	
_____	~~*Natural Science (NS) or Statistical Reasoning Course*~~		
Fit Heart			
_____	History Course	3	
SS-PY 110	General Psychology	3	
Fit Body			
_____	Arts Course	3	
_____	Wellness Course	3	
Fit Soul			
_____	Philosophy Course	3	
_____	Worldview Course	3	
Capstone Experiences			
_____	Biblical Literature Course (MT-CH)	3	
GS-SM 399	Professional Portfolio	0-1	
GS-SM 499	Senior Portfolio	0	

Chemistry Core (40 credit hours – 16 hours upper level required)			
NS-CH 111	College Chemistry I w/ Lab	4	
NS-CH 112	College Chemistry II w/ Lab	4	
NS-MA 111	Calculus I	4	
NS-PH 205	General Physics I w/ Lab	4	
NS-PH 206	General Physics II w/ Lab	4	
NS-SM 291	Natural Science Seminar	1	
NS-SM 491	Senior Seminar [Natural Science Capstone] [WI]	1	
Choose at least one			
NS-AP 493	Research Project [Natural Science]	2-4	
NS-AP 495	Internship [Natural Science]	2-4	
Choose at least one			
NS-BI 201	Invertebrate Zoology w/ Lab	4	
NS-BI 202	Vertebrate Zoology w/ Lab	4	
NS-BI 203	Plant Biology w/ Lab	4	
Chemistry Electives			
_____	Chemistry Elective	__	
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_____	Chemistry Elective	__	

Elective Pool

- ☐ NS-CH 311 Organic Chemistry I w/ Lab (4)
- ☐ NS-CH 312 Organic Chemistry II w/ Lab (4)
- ☐ NS-CH 307 Biochemistry w/ Lab (4)
- ☐ NS-CH 345 Nutritional Biochemistry w/ Lab (4)
- ☐ NS-CH 360 Analytical Chemistry w/ Lab (4)
- ☐ NS-CH 385 Advanced Inorganic Chemistry w/ Lab (4)
- ☐ NS-CH 400 General Physical Chemistry w/ Lab (5)

**ACT English <18 EN-CP 102 English Essentials as prerequisite to EN-CP 103*

Elective Credits

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