## BELHAVEN UNIVERSITY

## CHECKLIST FOR GRADUATION REQUIREMENTS IN **CHEMISTRY**BACHELOR OF SCIENCE (**BIOCHEMISTRY CONCENTRATION**) – **TRANSFER**

Minimum of 124 credit hours required for graduation

General Education	37 hours	
Major	56 hours	
General Electives	31 hours	
Total:	124 hours	
	ID II	

Name:		ID#:	
Freshman Year (Fall):		Freshman Year (Spring):	
BU 102 Transfer Success	1	BIB 221 Exploring the NT	3
BIB 220 Exploring the OT	3	ENG 102 Freshman English II*	3
ENG 101 Freshman English I	3	CHE 112 General Chemistry II*	3
CHE 111 General Chemistry I*	3	CHE 114 General Chemistry II Lab*	1
CHE 113 General Chemistry I Lab*	1	BIO 106 General Biology II	3
BIO 105 General Biology I	3	BIO 108 General Biology Lab II	1
BIO 107 General Biology Lab I	1	General Elective	3
Total	15	Total	17
Sophomore Year (Fall):		Sophomore Year (Spring):	
American/ British Lit* (choose one)	3	ENG 203/204 World Lit*	3
ENG 201, 202 or		HIS 107/108 Civilization	3
ENG 205, 206		CHE216 Organic Chemistry II*	3
HIS 205 Contemp. World History	3	CHE218 Organic Chemistry II Lab*	1
BIO 375/377 Cellular & Molecular I* or	4	CHE316 Quantitative Chemical*	3
BIO 376/378 Cellular & Molecular II*		CHE317 Quantitative Chemical Lab*	1
CHE215 Organic Chemistry I*	3		
CHE217 Organic Chem Lab I*	1		
GIEZI/ Organic Chem Lab i			
Total		Total	14
_		Total <u>Junior Year (Spring):</u>	14
Total			<b>14</b> 3
Total <u>Junior Year (Fall):</u>	14	Junior Year (Spring):	
Total <u>Iunior Year (Fall):</u> CHE415 Biochemistry I*	<b>14</b> 3	<u>Junior Year (Spring):</u> CHE416 Biochemistry II*	3
Total <u>Iunior Year (Fall):</u> CHE415 Biochemistry I* CHE 417 Biochemistry Lab I*	3 1	Junior Year (Spring): CHE416 Biochemistry II* CHE418 Biochemistry Lab II*	3
Total  Junior Year (Fall): CHE415 Biochemistry I* CHE 417 Biochemistry Lab I* PHY241 General Physics I*	3 1 3	Junior Year (Spring): CHE416 Biochemistry II* CHE418 Biochemistry Lab II* PHY242 General Physics II*	3 1 3
Total  Junior Year (Fall): CHE415 Biochemistry I* CHE 417 Biochemistry Lab I* PHY241 General Physics I* PNY243 General Physics I Lab*	3 1 3 1 3 1	Junior Year (Spring): CHE416 Biochemistry II* CHE418 Biochemistry Lab II* PHY242 General Physics II* PHY244 General Physics II Lab*	3 1 3 1
Iunior Year (Fall): CHE415 Biochemistry I* CHE 417 Biochemistry Lab I* PHY241 General Physics I* PNY243 General Physics I Lab* MAT 207 Calculus I*	3	Junior Year (Spring): CHE416 Biochemistry II* CHE418 Biochemistry Lab II* PHY242 General Physics II* PHY244 General Physics II Lab* Chemistry Elective*	3 1 3 1 2
Total  Junior Year (Fall): CHE415 Biochemistry I* CHE 417 Biochemistry Lab I* PHY241 General Physics I* PNY243 General Physics I Lab* MAT 207 Calculus I* WVC 302 Christian Interpretation	3 1 3 1 3 2 3 2 3	Junior Year (Spring): CHE416 Biochemistry II* CHE418 Biochemistry Lab II* PHY242 General Physics II* PHY244 General Physics II Lab* Chemistry Elective* General Elective	3 1 3 1 2 3 3 3 3 3 1 1 1 1 1 1 1 1 1 1
Total  Junior Year (Fall): CHE415 Biochemistry I* CHE 417 Biochemistry Lab I* PHY241 General Physics I* PNY243 General Physics I Lab* MAT 207 Calculus I* WVC 302 Christian Interpretation General Elective	3 1 3 1 3 2 3 2 3	Junior Year (Spring): CHE416 Biochemistry II* CHE418 Biochemistry Lab II* PHY242 General Physics II* PHY244 General Physics II Lab* Chemistry Elective* General Elective General Elective	3 1 3 1 2 3 3 3 3 3 1 1 1 1 1 1 1 1 1 1
Junior Year (Fall): CHE415 Biochemistry I* CHE 417 Biochemistry Lab I* PHY241 General Physics I* PNY243 General Physics I Lab* MAT 207 Calculus I* WVC 302 Christian Interpretation General Elective Total	3 1 3 1 3 2 3 2 3	Junior Year (Spring): CHE416 Biochemistry II* CHE418 Biochemistry Lab II* PHY242 General Physics II* PHY244 General Physics II Lab* Chemistry Elective* General Elective General Elective Total	3 1 3 1 2 3 3 3 3 3 1 1 1 1 1 1 1 1 1 1
Iunior Year (Fall): CHE 415 Biochemistry I* CHE 417 Biochemistry Lab I* PHY241 General Physics I* PNY243 General Physics I Lab* MAT 207 Calculus I* WVC 302 Christian Interpretation General Elective Total  Senior Year (Fall):	14  3 1 3 1 3 2 3 16	Junior Year (Spring): CHE416 Biochemistry II* CHE418 Biochemistry Lab II* PHY242 General Physics II* PHY244 General Physics II Lab* Chemistry Elective* General Elective General Elective Total	3 1 3 1 2 3 3 3 16
Iunior Year (Fall): CHE415 Biochemistry I* CHE 417 Biochemistry Lab I* PHY241 General Physics I* PNY243 General Physics I Lab* MAT 207 Calculus I* WVC 302 Christian Interpretation General Elective Total  Senior Year (Fall): CHE441 Chemistry Seminar*	14  3 1 3 1 3 2 3 16	Junior Year (Spring): CHE416 Biochemistry II* CHE418 Biochemistry Lab II* PHY242 General Physics II* PHY244 General Physics II Lab* Chemistry Elective* General Elective General Elective  Total  Senior Year (Spring): CHE421/423 Physical Chemistry I* or CHE422/424 Physical Chemistry II* CHE 442 Chemistry Seminar	3 1 3 1 2 3 3 3 16
Junior Year (Fall): CHE415 Biochemistry I* CHE 417 Biochemistry Lab I* PHY241 General Physics I* PNY243 General Physics I Lab* MAT 207 Calculus I* WVC 302 Christian Interpretation General Elective Total  Senior Year (Fall): CHE441 Chemistry Seminar* Science Requirement (choose one)	14  3 1 3 1 3 2 3 16	Junior Year (Spring): CHE416 Biochemistry II* CHE418 Biochemistry Lab II* PHY242 General Physics II* PHY244 General Physics II Lab* Chemistry Elective* General Elective General Elective  Total  Senior Year (Spring): CHE421/423 Physical Chemistry I* or CHE422/424 Physical Chemistry II*	3 1 3 1 2 3 3 16
Iunior Year (Fall): CHE 415 Biochemistry I* CHE 417 Biochemistry Lab I* PHY241 General Physics I* PNY243 General Physics I Lab* MAT 207 Calculus I* WVC 302 Christian Interpretation General Elective Total  Senior Year (Fall): CHE 441 Chemistry Seminar* Science Requirement (choose one) BIO 125 or PHY 125	14  3 1 3 1 3 2 3 16	Junior Year (Spring): CHE416 Biochemistry II* CHE418 Biochemistry Lab II* PHY242 General Physics II* PHY244 General Physics II Lab* Chemistry Elective* General Elective General Elective  Total  Senior Year (Spring): CHE421/423 Physical Chemistry I* or CHE422/424 Physical Chemistry II* CHE 442 Chemistry Seminar	3 1 3 1 2 3 3 16
Iunior Year (Fall): CHE415 Biochemistry I* CHE 417 Biochemistry Lab I* PHY241 General Physics I* PNY243 General Physics I Lab* MAT 207 Calculus I* WVC 302 Christian Interpretation General Elective Total  Senior Year (Fall): CHE441 Chemistry Seminar* Science Requirement (choose one) BIO 125 or PHY 125 General Elective	14  3 1 3 1 3 2 3 16  1 4 3	Junior Year (Spring): CHE416 Biochemistry II* CHE418 Biochemistry Lab II* PHY242 General Physics II Lab* Chemistry Elective* General Elective General Elective  Total  Senior Year (Spring): CHE421/423 Physical Chemistry II* CHE 442 Chemistry Seminar WVC401 Kingdom Life*	3 1 3 1 2 3 3 16 4 1 3

Total 15 Total 16

\*Course has prerequisites; Please see catalogue for details

## CHAPEL IS REQUIRED FOR ALL STUDENTS FOR EACH SEMESTER THEY ATTEND BELHAVEN

as of 3/25/2020