

B.S. in Biochemistry

First Semester			Second Semester		
CHM 115	Elements & Compounds	3	CHM 116	The Chemical Reaction	3
CHM 113	Elements & Compounds Lab	1	CHM 114	The Chemical Reaction Lab	1
MTH 111	Calculus I	4	MTH 112	Calculus II	4
BIO 121	Principles of Biology I	4	BIO 122	Principles of Biology II	4
FYF 101	First Year Foundations	3	ENG 101	English 101	4
Semester Total		15	Semester Total		16
Third Semester			Fourth Semester		
CHM 231	Organic Chemistry I	3	CHM 232	Organic Chemistry II	3
CHM 233	Organic Chemistry I Lab	1	CHM 234	Organic Chemistry II Lab	1
PHY 201	Physics I	3	PHY 202	Physics II	3
PHY 204	Physics I Lab	1	PHY 205	Physics II Lab	1
CS 125	Computer Science I	4	CHM 248	Analytical Chemistry	3
	Distribution Requirement	3	CHM 246	Analytical Chemistry Lab	1
			MTH 212	Multivariate Calculus	4
Semester Total		15	Semester Total		16
Fifth Semester			Sixth Semester		
CHM 351	Physical Chemistry: Q & S	3	CHM 352	Physical Chemistry: K & T	3
CHM 353	Physical Chemistry: Q & S Lab	1	CHM 354	Physical Chemistry: K & T Lab	1
CHM 361	Biochemistry I	3	CHM 362	Biochemistry II	3
CHM 363	Biochemistry I Lab	1	BIO 226	Cell and Molecular Biology	4
CHM 341	Instrumental Analysis	3	CHM 390	Junior Seminar	1
CHM 343	Instrumental Analysis Lab	1		Distribution Requirement	3
	Distribution Requirement	3			
Semester Total		15	Semester Total		15
Seventh Semester			Eighth Semester		
CHM 391	Senior Research	2	CHM 392	Senior Research	2
	Biology Elective	3	CHM 322	Inorganic Chemistry	3
	Distribution Requirement	3	CHM 323	Inorganic Chemistry Lab	1
	Distribution Requirement	3		Biology Elective	3
	Free Elective	3		Distribution Requirement	3
	Free Elective	3		Free Elective	3
Semester Total		17	Semester Total		15
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Grand Total					124

⇒ The two biology electives may be chosen from BIO 324, 326, 327, 329, 330, 345, PHY 377, or relevant offerings of CHM 398.
 ⇒ Wilkes requires 120 total credits for graduation. Although the BS Biochemistry major requires 122 credits, students with 120 credits may petition the department to have the last two credits waived.