

## Chemistry B.S. Suggested Plan of Study

**28 ACT 630 SAT**

### First Year

Fall	Hours	Spring	Hours	
ARSC 120	1	ARSC 220	1	
CHEM 115 (GEF 2; B.S. First Area 1)	4	CHEM 116 (GEF 8; B.S. First Area 2)	4	
MATH 155 (GEF 3; B.S. Second Area 1)	4	MATH 156 (GEF 8; B.S. Second Area 2)	4	
ECAS Fine Arts Requirement (GEF 6)	3	ENGL 101 (GEF 1)	3	
ECAS Global Studies & Diversity Requirement (GEF 7)	3	General Elective	3	
WVUE 191	1			
	16		15	31

### Second Year

Fall	Hours	Spring	Hours	
UTCH 221 (GEF 4)	3	UTCH 222	3	
CHEM 215	4	CHEM 234	3	
CHEM 233	3	CHEM 236	1	
CHEM 235	1	PHYS 112 (B.S. Third Area 2)	4	
PHYS 111 (GEF 8; B.S. Third Area 1)	4	MATH 251	4	
	15		15	30

### Third Year

Fall	Hours	Spring	Hours	
MATH 318 Perspectives (Human Inq. & Past GEF)	3	CHEM 376 (Capstone + 1 credit elective)	3	
ENGL 102 (GEF 1)	3	CHEM 347	1	
CHEM 335	4	CHEM 348	3	
CHEM 346	3	PHYS 211/General Elective*	4	
CHEM 490/490A/490B	2	AGBI 410	3	
		PHYS 490/General Elective*	1	
	15		15	30

### Fourth Year

Fall	Hours	Spring	Hours	
UTCH 420	3	UTCH	10	
CHEM 313	1	CHEM 423	2	
CHEM Elective	3			
CHEM 349	2			
PHYS 314/General Elective*	4			
CHEM 422	3			
	16		12	28

Total credit hours required: 120; Students without entering credit will need 1 more hours to graduate. 119

For WVUteach students, CHEM 376 serves as the capstone experience, replacing 401, 403 and 1 hour of elective. It is recommended that WVUteach students get involved in teaching activities within the department. For instance, teaching assistants for 1 lab receive 1 credit of CHEM 490 (teaching practicum), PLTL leaders receive 1 credit, as do volunteer tutors at the Chemistry Learning Center. \*PHYS 111/112, PHYS 211 and PHYS 314 will allow chemistry majors to comfortably teach physics. No more than 3 credit hours of CHEM 490 and CHEM 497 (research) combined can be used toward the 6 credits of chemistry electives.