CHEMISTRY (GA48)

This program leads to an Associate of Arts degree from Pellissippi State and a Bachelor of Science with a major in Chemistry from the University of Tennessee.

PELLISSIPPI STATE

Freshman	fall	spring
English 1010-1020	3	3
[1]Intermediate Foreign Language	3	3
[8]Mathematics 1910-1920	4	4
Chemistry 1110-1120	4	4
[2]Social Science Elective	3	
TOTAL	17	14

Sophomore	fall	spring
[3]Sophomore Literature	-	3
History 1010-1020 or 1110-1120	3	3
Chemistry 2010-2020	4	4
[4]Humanities Electives	3	3
Speech 2100, 2200, or 2400	3	-
[7]Computer Course	-	3
Physical Education Activities	1	1
TOTAL	14	17

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B.S. Degree and Chemistry Major	
Chemistry 240	2
Physics 135-136 or 137-138 or 221-222	8
Chemistry 310-319	4
Chemistry 471-481 or 473-483	6
Chemistry 479	2
Additional Coursework in Major	10
Upper-Level Distribution	6
Minor (optional)	15 or more
Social Science Elective	3
Electives	0-24[5]
TOTAL	60 or more[5]

Bachelor of Science in Chemistry (approved by ACS)	
Physics 135-136 or 137-138	8
Chemistry 230, 240	5
Math 241 and 231 or 251	7
Chemistry 310-320, 319-329	9
Chemistry 473-483, 479-489	10
Chemistry 430, 439, 406, 400	8
Chemistry Electives	3
BCMB 410 or 401	3-4
Upper-Level Distribution	6
Social Science Elective	3
Electives	0-6[6]
Minor (optional)	15 or more
TOTAL	60 or more[5]

[1]Students lacking two years of study in the same foreign language at high school level will take the prerequisite to this sequence: one year of beginning foreign language (French or German is preferred).

Students whose native language is not English may complete the foreign language requirement by completing the English composition requirement and any two-course literature sequence. The literature sequence will count toward UTK's humanities requirements as well.

All students must have a minimum of 60 transferable credit hours to receive the associate degree.

[2]Chosen from ANT 1200, 1300; ECN 2010; HIST 2040; POL 1010, 1020; PSY 1010, 2100, 2200; SOC 1010, 1020; WMN 2200.

[3]Chosen from ENGL 2110, 2120, 2210, 2220, 2310, 2320, 2331, 2510, 2520.

[4]Chosen from ENGL 2110, 2120, 2210, 2220, 2310, 2320, 2331, 2510, 2520, 2630; MUS 1020, 1030; PHIL 1030, 2010, 2400, 2450; THEA 1030.

[5]Upper division credits must total a minimum of 42 semester hours.

[6]It is recommended that a portion of these elective hours be applied to advanced courses in biochemistry and cellular and molecular biology, mathematics, physics, or chemical, metalurgical, and polymer engineering.

[7]Chosen from CSIT 1110; OST 1005, 1211 (or CBT course package).

[8]Students who do not have an ACT math score of at least 26 must take MATH 1730 before MATH 1910 (Students may instead elect to take MATH 1735 and 1905 to fulfill the MATH 1730 and 1910 requirement).

NOTE: Honors courses, enriched versions of traditional college courses, may be used to satisfy course requirements listed in the agreement.