



CHEMISTRY

ASSOCIATE OF SCIENCE

Program Requirements

	CREDIT HOURS
GENERAL EDUCATION REQUIREMENTS	
COMMUNICATION	9
ENGL 1010: English Composition I	3
ENGL 1020: English Composition II	3
COMM 2025: Fundamentals of Communication or any approved speech/communication general education course	3
HUMANITIES & FINE ARTS (minimum 1 course in literature)	9
Any approved humanities or fine arts general education course	3
Any approved humanities or fine arts general education course	3
(literature) Any approved humanities literature general education course	3
SOCIAL/BEHAVIORAL SCIENCES	6
Any approved Social/Behavioral Sciences general education course	3
Any approved Social/Behavioral Sciences general education course	3
HISTORY	6
Any approved History general education course ¹	3
Any approved History general education course ¹	3
NATURAL SCIENCES	8
CHEM 1110: General Chemistry I	4
CHEM 1120: General Chemistry II	4
MATHEMATICS	3
Series A: MATH 1730: Precalculus or Series B: MATH 1910: Calculus I ²	3 or 4
GENERAL EDUCATION TOTAL	41 or 42
AREA OF EMPHASIS REQUIREMENTS (Major)	
Series A: MATH 1910: Calculus I or Series B: MATH 1920: Calculus II ²	4
CHEM 2010: Organic Chemistry I	4
CHEM 2020: Organic Chemistry II	4
PHYS 2010: Non-Calculus Physics I or PHYS 2110: Calculus - Based Physics I ³	4
PHYS 2020: Non-Calculus Physics II or PHYS 2120: Calculus -Based Physics II ³	4
AREA OF EMPHASIS REQUIREMENTS & ELECTIVES TOTAL	20
DEGREE TOTAL	61-62

NOTES:

¹ Students transferring to UTK must also complete a non-US History sequence. TTU requires a US History course prior to transfer.

² Students have a choice of courses to take in Math based on the transferring institution's requirements. Series A includes taking: Math 1730 Precalculus **AND** Math 1910: Calculus I OR



Series B includes: Math 1910 Calculus I **AND** Math 1920 Calculus II. You must complete both courses in the series. The first course will meet the General Education Math requirement, AND the second course will complete the Area of Emphasis requirement. UTK requires Series B.

³ For specific concentrations in Chemistry, PHYS 2110/2120 Calculus-based Physics I & II may be required. Check with the university to which you plan to transfer for specific requirements

