



CHEMISTRY

ASSOCIATE OF SCIENCE

Program Requirements

SEMESTER & COURSES	CREDIT HOURS	SEMESTER & COURSES	CREDIT HOURS
<i>Semester 1 (Fall)</i>		<i>Semester 2 (Spring)</i>	
ENGL 1010: English Composition I	3	ENGL 1020: English Composition II	3
CHEM 1110: General Chemistry I	4	CHEM 1120: General Chemistry II	4
Series A - MATH 1730: Precalculus or Series B - MATH 1910: Calculus I ²	3 or 4	Series A - MATH 1910: Calculus I or Series B - MATH 1920: Calculus II ²	4
Humanities/Fine Arts	3	Humanities/Fine Arts	3
History ¹	3	History ¹	3
Subtotal Semester 1	16 or 17	Subtotal Semester 2	17
<i>Semester 3 (Fall)</i>		<i>Semester 4 (Spring)</i>	
CHEM 2010: Organic Chemistry I	4	CHEM 2020: Organic Chemistry II	4
Social/Behavioral Science	3	Social/Behavioral Science	3
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
COMM 2025: Fundamentals of Communication or any approved speech/communication general education course	3	Humanities/Literature	3
Subtotal Semester 3	14	Subtotal Semester 4	14
		Total Credit Hours	60+

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 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.