

Nashville State Community College
TENNESSEE TRANSFER PATHWAYS TO TENNESSEE PUBLIC UNIVERSITIES
Community College Area of Emphasis: **Chemistry** **A.S. Degree**

This sequence can be followed by students who begin college-level work in the fall semester. Prerequisites may apply to specific courses; it is the student's responsibility to determine if prerequisites have been met. Additional semesters will be required if prerequisite courses, including Learning Support courses, must be completed. Prior to registering each semester, the student is expected to consult with his/her advisor.

Bolded courses cannot be substituted.

NAME: _____ **A#** _____ **CATALOG YR: 2025 -2026**

FIRST YEAR – FALL SEMESTER					NOTES/COMMENTS
Course No. and Title	Cr.	Term	Grade	Prerequisite	
ENGL 1010 English Composition I	3			English: Level 2 placement or concurrent enrollment in ENGL 1010 and ENGL 0815, Reading: Level 2 placement or concurrent enrollment in READ 0815	
CHEM 1110 General Chemistry I	4			Level 2 placement in English, Reading, and Math or MATH 1000	Students can test out of MATH 1000.
MATH 1720: Precalculus Trigonometry OR MATH 1730: Precalculus OR MATH 1910: Calculus I	3-5			MATH 1000, 1710, 1720 for MATH 1910 MATH 1000 for MATH 1730 MATH 1000, MATH 1710 for MATH 1720	Students can test out of MATH 1000.
HISTORY (HIST 2010 is recommended)	3			See Catalog	
NSCC 1010: First Year Experience	1			For first-time freshmen only	
Total Credit Hours	14-16				
FIRST YEAR – SPRING SEMESTER					
Course No. and Title	Cr.	Term	Grade	Prerequisite	
ENGL 1020 English Composition II	3			ENGL 1010	
CHEM 1120 General Chemistry II	4			CHEM 1110	
MATH 1910 Calculus I or MATH 1920 Calculus II	4			MATH 1720 for MATH 1730 for MATH 1910 MATH 1910 for MATH 1920	
COMM 2025 Fundamentals of Communication	3			ENGL 1010	
SOCIAL/BEHAVIORAL SCIENCE	3			See Catalog	
Total Credit Hours	17				
SECOND YEAR – FALL SEMESTER					
Course No. and Title	Cr.	Term	Grade	Prerequisite	
CHEM 2010 Organic Chemistry I	4			CHEM 1120	
PHYS 2110 Calculus Based Physics I	4			MATH 1910	
HUMANITIES: LITERATURE (ENGL 2035 is recommended)	3			ENGL 1010 and ENGL 1020	
HISTORY (HIST 2020 is recommended)	3			See Catalog	
HUMANITIES/FINE ARTS	3			See Catalog	
Total Credit Hours	17				
SECOND YEAR – SPRING SEMESTER					
Course No. and Title	Cr.	Term	Grade	Prerequisite	
CHEM 2020 Organic Chemistry II	4			CHEM 2010	
PHYS 2120 Calculus Based Physics II	4			PHYS 2110	
HUMANITIES/FINE ARTS	3			See Catalog	
SOCIAL/BEHAVIORAL SCIENCE	3			See Catalog	
Total Credit Hours	14				
Total Degree Hours	62-64				

* All Chemistry majors must complete Calculus I and II. This sequence may be completed at the community college or at the university ** For Professional Chemistry programs and specific concentrations in Chemistry, PHYS 2110/2120 Calculus-based Physics I & II are required. Check with the university to which you plan to transfer for specific requirements NOTE: Students transferring to the University of Tennessee , Knoxville will also have to meet the foreign language requirement either prior to or when they attend UT. This can be met prior to attending UT by completing 2000-level competency in a foreign language, by completing FREN 2020, GERM 2020 or SPAN 2020.