

Transfer Guide
Wingate University
Chemistry, BS

Transfer Guide for Associate in Science

Delivery Method: On-Campus

Program Admission Notes:

- 2.5 cumulative college GPA
- Must be in good conduct & academic standing at most recently attended institution

Major-Specific Course Recommendations:

Students are encouraged to build the North Carolina Community College (NCCC) course recommendations below into the associate degree to best prepare for the intended university and major.

Recommended NCCC Course	Credit Hours	Wingate Equivalent	Assoc. Degree Requirement fulfilled	WU Requirement fulfilled
CHEM 151: General Chemistry I	4	CHEM 101: Principles of Chemistry I	UGETC Natural Sciences	Required Course, General Education
CHEM 152: General Chemistry II	4	CHEM 102: Principles of Chemistry II	UGETC Natural Sciences	Required Course, General Education
MAT 271: Calculus I	4	MATH 120: Calculus & Analytic Geometry I	Additional General Education Courses	Required Course
MAT 272: Calculus II	4	MATH 220: Calculus & Analytic Geometry II	Additional General Education Courses	Required Course
COM 231: Public Speaking	3	COMM 101: Public Speaking	UGETC Humanities/Fine	Required Course

			Arts	
Second Language 111	3	Second Language 101	Additional General Education Courses	Required Course, General Education
Second Language 112	3	Second Language 102	Additional General Education Courses	Required Course, General Education
PED 110: Fit & Well for Life	2	Wellness 101: Personal Fitness & Wellness	Additional General Education Courses	Required Course, General Education
PHY 151: College Physics 1	4	PHYS 101: General Physics I	Additional General Education Courses	Required Course
PHY 152: College Physics II	4	PHYS 102: General Physics II	Additional General Education Courses	Required Course

Remaining Associate Degree Requirements:

In addition to major-specific course recommendations above, students should work with a community college advisor to select additional community college courses to fulfill the remaining associate degree requirements identified below.

Recommended NCCC Course	Credit Hours	Wingate Equivalent	Assoc. Degree Requirement fulfilled	WU Requirement fulfilled
ENG 111: Writing & Inquiry	3	Elective	English Composition	Elective
ENG 112: Writing & Research	3	ENG 110: Univ. Writing & Research	English Composition	General Education
MAT 171: Precalculus Algebra	3	MATH 112: College Algebra	UGETC Math	General Education
MAT 172: Precalculus Trigonometry	4	MATH 115: Precalculus	UGETC Math	General Education
Student Choice/No Preference	3	University Equivalencies	UGETC Humanities/Fine Arts	General Education

Student Choice/No Preference	3	University Equivalencies	UGETC Social/Behavior Sciences	General Education
Student Choice/No Preference	3	University Equivalencies	UGETC Social/Behavior Sciences	General Education
Student Choice/No Preference	3	University Equivalencies	Additional General Education Courses	General Education
ACA 122: College Transfer Success	1	Gate 101: Gateway to University Life	Academic Transition	General Education, Required Course

Remaining Bachelor's Degree Requirements at Wingate:

*33 hours of degree total must be 300/400 level courses

University Course	Credit Hours	University Course Notes
CHEM 201: Organic Chemistry I	4	
CHEM 202: Organic Chemistry II	4	
CHEM 291: Introduction to Chemical Research I	1	
CHEM 292: Introduction to Chemical Research II	1	
CHEM 311: Physical Chemistry I	4	
CHEM 312: Physical Chemistry II	4	
CHEM 331: Analytical Chem I	4	
CHEM 332: Analytical Chem II	4	
CHEM 391 Junior Research OR CHEM 392: Junior Research II	2	

CHEM 413: Inorganic Chemistry	4	
CHEM 450: Hazardous Materials & Chem Safety	3-4	
PHYS 206: Calculus Extension for General Physics	1	
Chemistry Electives	3-4	Choose one from: CHEM 424 Principles of Biochemistry, CHEM 426: Biological Chemistry, CHEM 430: Modern Synthesis and Analysis, CHEM 460: Intro to Commercial Chemistry w/LAB, CHEM 470: Current Topics in Chemistry, CHEM 471: Current Topics & Experimental Chem
General/Advance Electives	21-23	Recommended: MATH 305: Calculus & Analytic Geometry III