

Transfer Guide
Wingate University
Biology, 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 I	Additional General Education Courses	Required Course General Education
MAT 152: Statistical Methods I	4	MATH 209: Inferential Statistics	Additional General Education Courses	Required Course General Education
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

BIO 111: General Biology I	4	BIO 101: Introductory to Cellular Biology	Additional General Education Courses	Required Course
BIO 130: Introductory Zoology OR BIO 120: Introductory Botany	4	BIO 200: Zoology OR BIO 205: Plant Biology	Additional General Education Courses	Required Course
PED 110: Fit and Well for Life	2	Wellness 101: Personal Fitness & Wellness	Additional General Education Courses	Required Course, General Education

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
MUS 110: Music Appreciation	3	FINE ART	UGETC Humanities/Fine Arts	General Education, Suggested Course
HIS 111: World Civilizations I	3	HIS 130: Ancient & Early World History	UGETC Social/Behavior Sciences	General Education, Suggested Course
COM 231: Public Speaking	3	COMM 101: Public Speaking	UGETC Humanities/Fine Arts	General Education, Suggested Course
PSY 150: General Psychology	3	PSYC 101: General Psychology	UGETC Social/Behavioral Sciences	General Education, Suggested Course

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. Biology majors must complete BIO 200: Zoology or BIO 205: Plan Biology before taking 300-400 level Biology courses. Students may earn a maximum of 5 hours of Independent Study (BIO 441-445) as part of their advanced Biology restrictive electives.

University Course	Credit Hours	University Course Notes
CHEM 201: Organic Chemistry I	4	
BIO 103: Introductory to Ecology & Evolutionary Biology	4	
BIO 201: Molecular Foundations of Genetics	4	
BIO 235: Scientific Literacy and Communication	2	
BIO 405: Biology Seminar	3	
Advanced Biology Electives	21	Choose from: BIO 300: Ornithology, BIO 302: Invertebrate Biology, BIO 311: Integrated Anatomy & Physiology I, BIO 312: Integrated Anatomy & Physiology II, BIO 320: Microbiology, BIO 330: Marine Biology & Oceanography, BIO 340: Advanced Molecular Biology, BIO 360: Parasitology, BIO 365: Herpetology, BIO 370: Field Botany w/ LAB, BIO 380: Advanced Cell Biology, BIO 390: Applied Environmental Microbiology w/ LAB, BIO 402: Virology, BIO 410: General Entomology, BIO 412: Physiology of Reproduction, BIO 413: Pathophysiology, BIO 414: Animal Physiology, BIO 415: Histology, BIO 420: Immunology, BIO 424: Biochemistry, BIO 430: Wildlife Management, BIO 441-444: Directed Research, BIO 445: Teaching Assistantship in Bio, BIO 450: Evolutionary Biology, BIO 460: Neurobiology, BIO 491-494: Special Topics in Biology.
Math or Science (200 level or higher)	4	Student choice/no preference

General Electives	20	
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