



Associate of Science in Secondary Education – Biology (TSAP) To Bachelor of Arts in Biological Sciences with Secondary Education

Overview

Completion of the following curriculum will satisfy the requirements for the Associate of Science (AS) in Secondary Education – Biology (TSAP) degree at Ivy Tech Community College (ITCC) and leads to the Bachelor of Arts (BA) in Biological Sciences with Secondary Education degree at Northern Kentucky University (NKU).

Applying to the IvyTech2NKU Program

Students can apply to participate in the pathway program by completing the online application on the NKU transfer webpage. Students must be enrolled in at least six credit hours at Ivy Tech, enrolled in an associate degree program, plan to transfer to NKU, and maintain a minimum 2.0 cumulative GPA at Ivy Tech.

Degree Requirements for Ivy Tech

Students must complete at least 15 degree credits in the curriculum as a regular student of Ivy Tech, including all required biology courses, and general education courses, and

Admission Requirements for NKU

Students completing an associate degree with a cumulative GPA of 2.0 or higher will be accepted into NKU.

In addition, students must meet the following requirements for admission into Education.

(Courses in parentheses are Ivy Tech course equivalents) C20 1 Tf-21.2732.47859.31.35078 () TT3 1 Tf0.457-4.3 () TT0

Students must complete the following courses for the AS in Secondary Education – Biology (TSAP).

Course	Description	Credits	Equivalent	Prerequisite
ENGL 111	English Composition	3	ENG 101	
COMM 101	Fundamentals of Public Speaking	3	CMST 101	
MATH 211	Calculus I	4	MAT 129	
CHEM 105	General Chemistry I	5	CHE 120/120L	
CHEM 106	General Chemistry II	5	CHE 121/121L	
PHYS 101	Physics I	4	PHY 211	
HIST 101 or HIST 102	Survey of American History I or Survey of American History II	3	HIS 102 HIS 103	
ARTH 110 or HUMA 118	Art Appreciation or Music Appreciation	3	ART 100 MUS 100	
	Total	30		

Students must also complete the following courses for the AS in Secondary Education – Biology (TSAP).

Course	Description	Credits	Equivalent	Prerequisite
IVYT 111	Student Success in University Transfer	1	UNV 100T	
EDUC 101	Introduction to Teaching	3	EDU 305	
EDUC 121	Child and Adolescent Development	3	EDU 300T	
EDUC 201	Technology in Education	2	EDU 313	
EDUC 250	Educational Psychology	3	EDU 300T	
EDUC 255	Multicultural Teaching	3	EDU 316	
BIOL 105	Biology I	5	BIO 150/150L	
BIOL 107	Biology II	5	BIO 151/151L	
BIOL 221	Molecular Biology	4	BIO 400/400L	
Select 1: BIOL 222 BIOL 240	Select one of the following courses: Genetics Ecology	4	BIO 349/349L BIO 304/304L	
PSYC 101	Introduction to Psychology (Social Behavioral Ways of Knowing)	3	PSY 100	
	Total	66		

Students must complete the following courses for a major in Secondary Education.

Course Number	Course Title	Credits	Prerequisites	Corequisites
EDU 104	Orientation: Education Profession/Program	1		
EDU 300	Human Growth and Development	3	PSYC 201	
EDU 304 or EDU 354	Reading and Writing Across the Curriculum: Middle Grades or Read/Write Across Curriculum-Secondary	3		
EDU 305	Introduction to Education	2	EDUC 101	x
EDU 311	Admission Field Experience Secondary	2		
EDU 313	Instructional Technology	3	EDUC 201	x
EDU 316	Education in a Multicultural Society	3	EDUC 255	x
EDU 319	Classroom Climate Management Secondary	1		
EDU 324	Fundamentals of Secondary Education	1		
EDU 325	Educational Assessment Secondary	2		
EDU 330	Teaching Science in Secondary School	3		
EDU 393	Secondary Field Experience I	2		
EDU 396	Secondary Field Experience II	2		
EDU 496	Clinical Experience Secondary	12		
EDS 324	Instructional Planning for Inclusive Secondary Classrooms	3		
EDS 360	Students with Exceptionalities in School	3	EDUC 230	
PSY 100	Introduction to Psychology	3	PSYC 101	x
CMST 101	Public Speaking	3	COMM 101	x
ENG 102	Advanced College Writing	3	ENGL 215	
		4		
		14		
		55		

EDU 311 is waived if student provides documentation of 50 hours of field experience in an education setting. If EDU 311 is waived, student must complete EDU 334: Portfolio Development (1 credit).

Students must complete the following courses for a major in Biological Sciences.



4

