

Transfer Planning Worksheet 2025-2026



**NORTH CENTRAL
COLLEGE 1861**

Student Name: _____ North Central ID# _____ College Representative: _____ Date: _____

Biology Education, B.S.

The Biology Department strives for excellence in undergraduate education by providing a challenging and supportive environment for students to 1) understand and apply a broad range of biological principles; 2) develop critical thinking, investigating and communication skills through course work and collaborative research; and 3) become informed and principled citizens pursuing a variety of careers in an increasingly technological world.

Our challenging, inquiry-based, research-rich curriculum is deliberately designed to provide our students with the right tools for a bright future in any area of biology. Courses ranging from genes to organisms and cells to ecosystems give broad background yet allow specialization in a student's area of interest and are complemented by an emphasis on hands-on inquiry.

The biology-education track, B.S. prepares a student for employment as a secondary school educator. It allows students more breadth to their college degree where they pair their biology studies with requirements from the education discipline. This degree track is tailored to be compatible and must be completed with a secondary education B.A. major.

Major Requirements

Core Courses			
Course Name	Equivalent	Credit	Grade
BIOL 195 - Investigating Biology or BIOL 205 - Exploring Biology			
BIOL 210 - Cells and Systems			
BIOL 220 - Ecology and Evolution			
BIOL 230 - Genes and Genomics			
BIOL 240 - Biostatistics			
Electives			
Three courses from the following:			
Course Name	Equivalent	Credit	Grade
BIOL 310 - Biology of Animals			
BIOL 315 - Animal Physiology			
BIOL 317 - Animal Behavior			
BIOL 320 - Plant Growth and Function			
BIOL 325 - Plant Interactions in a Changing World			
BIOL 330 - Evolution			
BIOL 340 - Infectious Disease			
BIOL 350 - Conservation Ecology			
BIOL 360 - Molecular Biology of Cancer			
BIOL 370 - Mechanisms of Development			
BCHM 365 - Principles of Biochemistry	CHM 220 @ Harper		
NEUR 310 - Advanced Molecular Neuroscience			
Research Experience			
Students must complete a research experience which is presented in BIOL 490 - Seminar; students take the zero credit BIOL 290 - Seminar once as participants/evaluators and the two credit BIOL 390 - Careers in Biological Sciences once before presenting. The research experience could be any of the following:			
<ul style="list-style-type: none"> Complete the BIOL 400 research course Complete an on- or off-campus summer research program Complete an independent research project with a faculty member Complete a research-based internship or other project approved by the department chair 			

Capstone Experience

Course Name	Equivalent	Credit	Grade
BIOL 400 - Capstone Studies in Biological Sciences			

Education Requirements

Completion of the Secondary Education major requirements with EDUC 446 taken as the methods course.

Additional Requirements for the B.S. Degree

Course Name	Equivalent	Credit	Grade
MATH 151 - Calculus I	MTH 200 @ Harper		
CHEM 121 - General Chemistry I	CHM 121 @ Harper		
CHEM 122 - General Chemistry II	CHM 122 @ Harper		
ENVI 141 - Introduction to Earth Science	ESC 101 @ Harper		
PHYS 131 - Physics I (Non-Calculus)	PHY 121 @ Harper		

Notes:

Secondary Education, B.A.

The Education Department offers a newly redesigned, undergraduate licensure program in education to prepare elementary, secondary, K-12 art, K-12 foreign language and in conjunction with the Department of Music, K-12 music teachers. It is an experience-oriented teacher education program based on the liberal arts. The faculty of the education department is committed to the serious study of education and the promotion of professional standards to foster innovation in professional preparation. This commitment encompasses social issues such as equity and capacity-based learning, with an emphasis on preparing candidates to teach in diverse school settings. The program is approved for licensure by the Illinois State Board of Education. Teacher education programs differ from other programs at the College in that additional specific criteria must be met in the area of general education, as well as in the area of the major.

Secondary Education majors are required to complete a second major in their chosen content area in order to obtain a teaching license. The content areas are as follows: English, Social Science: History, Mathematics, Integrated Science: Chemistry, Integrated Science: Physics or Biology. Requirements for these majors are housed in their respective departments.

Major Requirements

Course Name	Equivalent	Credit	Grade
EDUC 101 - Foundations of Teaching and Learning	EDU 201 @ Harper		
EDUC 200 - Introduction to HS/MS/K12 Teaching			
EDUC 230 - Teaching Students With Disabilities	EDU 219 @ Harper		
EDUC 290 - HS/MS/K12 Field Experience I			
EDUC 322 – HS/MS Equitable Learning Environments			
EDUC 360 - HS/MS Content Area Literacies and Assessment			
EDUC 390 - HS/MS/K12 Field Experience II			
EDUC 411 - Equity and Access in Systems of Education			
EDUC 490 - HS/MS/K12 Field Experience III			
EDUC 492 – Pre-Residency Seminar			
EDUC 494 - Residency Seminar			
EDUC 496 - Student Teaching Residency			
LANG 280 – Theoretical and Methodological Foundations for Teaching ELLs			
PSYC 100 - Psychology: Science of Behavior	PSY 101 @ Harper		
One of the following:			
Course Name	Equivalent	Credit	Grade
EDUC 438 - HS/MS Methods: Art			
EDUC 440 - HS/MS Methods: English			
EDUC 442 - K12 Methods: World Languages			
EDUC 444 - HS/MS Methods: Mathematics			
EDUC 446 - HS/MS Methods: Science			
EDUC 448 - HS/MS Methods: Social Studies			

Note:

Grades below "C-" in professional education courses and field experience are not accepted for the education major, supplemental education major or licensure.

If a student receives a "no pass" in a field experience, the student must retake the field experience the next time it is scheduled. If a student passes the field experience but not the class, then both must be retaken.

Progression Points - Secondary

The Department of Education has established the following Progression Points as ways for department faculty to ensure students are undertaking experiences needed to prepare them for the profession of teaching. Each checklist is designed to be met by teacher candidates at important points along their journey to becoming a teacher. Once all experiences of a Progression Point are met, a teacher candidate is ready to move forward in the program.

Progression Point 1: Admission to the Teacher Education Program

Course Requirements:

- Complete EDUC 101, PSYC 100, and EDUC 200 with a grade of C- or above
- Complete EDUC 290 with a grade of P

GPA Requirements:

For full admission to the Teacher Education Program:

- Have earned an overall cumulative GPA of 2.75 or better in all coursework taken at and transferred to North Central College

- Have earned a GPA of 2.75 or better in all coursework taken for and transferred in to the Secondary Education major
- Have earned a GPA of 2.50 or better in all coursework taken for and transferred in to the content area major (min. 16 credit hours)

For conditional admission to the Teacher Education Program:

Conditional Admission to the Teacher Education Program allows candidates to progress in their plan of study while taking advantage of systems of support provided by the department to help ensure academic success in the Teacher Education Program.

- Have earned an overall cumulative GPA of 2.25-2.749 in all coursework taken at and transferred to North Central College
- Have earned a GPA of 2.25-2.749 in all coursework taken for and transferred in to the Secondary Education major
- Have earned a GPA of 2.00-2.50 in all coursework taken for and transferred in to the content area major (min. 16 credit hours)

Evaluation Requirements:

Dispositions:

- Recommendation from candidate's EDUC 101 instructor
- Dispositions Recommendation from full-time faculty member in candidate's content major
- Self-assessment of dispositions at time of application to TEP

Field Experiences:

- Field Experience Recommendation from EDUC 101
- Mentor Teacher Recommendation from EDUC 290
- Supervisor Recommendation from EDUC 290

Note: Teacher candidates must be admitted to the Teacher Education Program (TEP) to take EDUC courses at the 300- or 400-level.

Progression Point 2: Progression to Student Teaching Residency

Course Requirements:

- Complete of all professional education courses for the Secondary Education major with a grade of C- or better with the exception of EDUC 494, and 496, the Student Teaching Residency course package
- Complete all courses for the content area major

GPA Requirements:

For full admission to Student Teaching Residency:

- Have earned an overall cumulative GPA of 2.75 or greater in all coursework taken at and transferred to North Central College
- Have earned a GPA of 3.00 or better in all coursework taken for and transferred in to the Secondary Education major
- Have earned a GPA of 2.50 or better in all coursework taken for and transferred in to the content area major

For conditional admission to Student Teaching Residency:

Conditional Admission to Student Teaching allows candidates to progress to student teaching while taking advantage of systems of support provided by the department to help ensure success.

- Have earned an overall cumulative GPA of 2.25-2.749 in all coursework taken at and transferred to North Central College
- Have earned a GPA of 2.50-2.999 in all coursework taken for and transferred in to the Secondary Education major
- Have earned a GPA of 2.00-2.499 in all coursework taken for and transferred in to the content area major (min. 16 credit hours)

Recommendation Requirements:

- Mentor Teacher Recommendations from EDUC 390 and 490
- Supervisor Recommendations from EDUC 390 and 490
- Practitioner Interview Recommendation, if assigned
- Receive a recommendation from the Department of Education for Student Teaching Residency

Additional Requirements:

- Complete the practice edTPA as required for EDUC 4XX HS/MS Methods: and EDUC 403 HS/MS Assessment of Learning
- *Earn a passing Score on the appropriate ILTS content test

(ENGL: 207; MATH: 208; BIOL: 239; CHEM: 240; ENVI SCI: 242; PHYSICS: 243; HIST: 246; CHIN: 251; FREN: 252, GERM: 253; JAPN: 256; SPAN 260; ART: 214).

Progression Point 3: Licensure

- *Pass EDUC 494 Student Teaching Residency Seminar, and EDUC 496 Student Teaching Residency with a grade of C- or better
- *Earn a passing Score on the edTPA teacher performance assessment
- *Complete all other necessary requirements to earn a bachelor's degree

* Illinois State Board of Education requirement enforced by North Central College

Additional Requirements for the B.A. Degree

Students must demonstrate elementary competence in a foreign language. For more information, see the B.A. Degree Requirements within the Academic Regulations section of this catalog.