



**BACHELOR PLUS PROGRAM INITIAL TEACHER LICENSURE
PROGRAM: INTEGRATED SCIENCE ADOLESCENCE TO YOUNG
ADULT (7-12) CHECKSHEET 2025-2026 CATALOG**

Advising Questions:
419.289.5486 or email
COE-advising@ashland.edu

The initial review of all transfer credit associated with this checksheet is nonbinding and unofficial until the courses have been approved by the Office of Records and Registration.

EVALUATION FOR (Name): _____ STUDENT ID# _____

EMAIL ADDRESS: _____ PHONE NUMBER: _____

DEGREE: _____ DATE: _____ COLLEGE/UNIVERSITY: _____ GPA: _____

AU ADVISOR: _____ DATE: _____

PROGRAM CANDIDACY: Admission to teacher education occurs at the completion of the first 12 hours of undergraduate and graduate coursework after having been accepted into the program at AU. Criteria for admission include, but are not limited to, the following: (a) a 3.0 program GPA and (b) qualifying test scores. Students not meeting candidacy requirements will not be allowed to continue *Education Coursework* until these requirements are achieved.

CONTINUED CANDIDACY IN PROGRAM: Candidates are to maintain a cumulative grade point average of 3.0 or above. College of Education courses below a C must be repeated.

RECOMMENDATION FOR LICENSURE:

APPLICATION DEADLINE Once a candidate has completed the required coursework for a given program, they must apply for licensure within one year in order to be recommended by Ashland University.

REQUIRED TESTS: The following licensure test(s) must be passed before AU will recommend a candidate to the Ohio Department of Education (ODE) for this license. This list is subject to change by the ODE.

Ohio Assessment for Educators (OAE) Tests: *Assessment of Professional Knowledge 7-12 (003) and
Integrated Science: Integrated Science (024)*

TRANSFER POLICY:

- Up to 12 semester hours of transfer coursework may be applied to the *Education Coursework* on the following page.
- Required Education Coursework:
 - All undergraduate and graduate coursework transferred in for the *Education Coursework* must have been completed within 10 years of beginning the program. EDCI 232/505 or equivalent must have been completed within 5 years.
 - Undergraduate education courses must have a grade of C or above and graduate courses must have a grade of B or above to qualify for transfer.
- **Required Content-Area Coursework:** Individual departments determine the appropriate age of courses; undergraduate courses must have a grade of C or above and graduate courses a grade of B or above to be transferred to AU.
- Course syllabi may be required for transfer credit.
- Official transcripts from originating accredited institution(s) are required.
- After entering the program, all courses taken at other accredited institutions must be approved prior to enrolling in the course(s). The *Transient Student Form* must be completed and approved by the Office of Records and Registration. No transfer credit will be given until an official transcript from the originating accredited institution has been submitted to Ashland University.

REQUIRED EDUCATION COURSEWORK:

NUMBER	TITLE	HRS	If transferred, list institution name, course number, title, year, semester and grade
EDFN 586	EFFECTIVE INSTRUCTION	3	_____
EDIS 546	INTRODUCTION TO EDUCATIONAL INTERVENTION	3	_____
EDFN 512	TEACHING AND LEARNING PROCESS	3	_____

COURSE CREDITS BELOW MUST BE RECEIVED FROM ASHLAND UNIVERSITY:

EDCI 505	INSTRUCTIONAL DESIGN & ED. TECH. FOR TEAMING <i>blocked with EDFN 587 Field Experience</i>	3	_____
EDFN 587	MULTICULTURAL FIELD EXPERIENCE <i>blocked with EDCI 505</i>	3	_____

PSYC 218	PSYCHOLOGY OF ADOLESCENCE	3	_____
READ 550	CONTENT AREA LITERACY**	3	_____

COURSE CREDITS BELOW MUST BE RECEIVED FROM ASHLAND UNIVERSITY:

EDCI 518	TEACHING THE 21 ST CENTURY ADOLESCENT: SCIENCE	3	_____
EDFN 588	ASSESSMENT, INSTRUCTION, EVALUATION & INTERVENTION FIELD EXPERIENCE <i>blocked with above Methods Class</i>	3	_____

COURSE CREDITS BELOW MUST BE RECEIVED FROM ASHLAND UNIVERSITY:

EDFN 520	SOCIAL & PROFESSIONAL ISSUES	2	_____
EDCI 602	INTERNSHIP FOR ADOLESCENT/YOUNG ADULT 7-12	10	_____

TOTAL HOURS OF REQUIRED EDUCATION COURSEWORK: 39

ADDITIONAL REQUIRED CONTENT-AREA COURSEWORK: To meet program requirements, students must also complete specified content-area coursework with the above Education Coursework. See the following pages for content courses required by the College of Arts and Sciences for a given licensure program.

****Meets Reading requirements for Ohio standards.**

DEPARTMENT CHAIR SIGNATURE (IF APPLICABLE): _____ DATE: _____

TRANSCRIPT EVALUATOR'S SIGNATURE: _____ DATE: _____

SEE FOLLOWING PAGE FOR ADDITIONAL REQUIRED CONTENT-AREA COURSEWORK. HOURS VARY BY LICENSURE AREA.

REQUIRED CONTENT-AREA COURSEWORK FOR THE ADOLESCENCE YOUNG ADULT LICENSURE PROGRAM IN INTEGRATED SCIENCE

NUMBER		TITLE	HRS	If transferred, list institution name, course number, title, year, semester and grade
BIO 201		MOLECULAR & CELLULAR BASIS OF LIFE	4	
BIO 202		ORGANISMS, ADAPTATION & DIVERSITY	4	
BIO 303		GENETICS (prereq. BIO 201 & 6 hours of BIO)	4	
Select TWO courses from the following (put X beside selection):			7-8	
___ BIO 305 (3)		EVOLUTION (prereq. BIO 202; BIO 303 or concurrent)		
___ BIO 310 (4)		ECOLOGY (prereq. BIO 202)		
___ BIO 325 (4)		ANATOMY & PHYSIOLOGY I (prereq. BIO 201)		
___ BIO 326 (4)		ANATOMY & PHYSIOLOGY II (prereq. BIO 325)		
___ BIO 340 (4)		MICROBIOLOGY (prereq. BIO 201 & CHEM 104)		
___ BIO 411 (4)		LIMNOLOGY (prereq. BIO 202)		
___ BIO 424 (4)		CELL BIOLOGY (prereq. 12 hours of BIO; BIO 303 or concurrent)		
___ BIO 428 (4)		MOLECULAR BIOLOGY (prereq. BIO 303)		
CHEM 103		GENERAL CHEMISTRY I (prereq. HS Chem. 3 yrs. HS Math)	4	
CHEM 104		GENERAL CHEMISTRY II (prereq. CHEM 103)	4	
CHEM 320		QUANTITATIVE ANALYSIS (prereq. CHEM 104)	4	
CHEM/GEOL/ PHYS/PHIL 350		SCIENCE AS A CULTURAL FORCE	3	
GEOL 101		PHYSICAL GEOLOGY	4	
GEOL 102		HISTORICAL GEOLOGY	4	
Select ONE course from the following (put X beside selection):			3	
___ PHYS 107 (3)		HIDDEN LIFE OF THE STARS		
___ PHYS 320 (3)		ORIGINS OF THE UNIVERSE		
INTEGRATED SCIENCE OPTIONS: COMPLETE ABOVE COURSEWORK AND ALL COURSES IN ONE OF THE FOLLOWING TWO OPTIONS:				
GENERAL PHYSICS OPTION:			19	
CHEM 307/ 307L		ORGANIC CHEM I (W/LAB) (prereq. CHEM 104)	4	
GEOL 311		MINERALOGY (prereq. GEOL 101)	4	
MATH 201		APPLIED CALCULUS I (2 yr. HS Alg. 1 yr. HS Geom.)	3	
OR		OR		
MATH 202*		APPLIED CALCULUS II (prereq. MATH 201)	(3)	
		*Preferred Math Course		
PHYS 201		GENERAL PHYSICS I (HS Algebra & Geom.)	4	
PHYS 202		GENERAL PHYSICS II (prereq. PHYS 201)	4	
INTEGRATED SCIENCE WITH GENERAL PHYSICS OPTION:			64-65	
UNIVERSITY PHYSICS OPTION			20	
MATH 205		CALCULUS I (prereq. MATH 111 or equivalent)	5	
MATH 206		CALCULUS II (prereq. MATH 205)	5	
PHYS 205		UNIVERSITY PHYSICS I (prereq. MATH 206)	5	
PHYS 206		UNIVERSITY PHYSICS II (prereq. PHYS 205)	5	
INTEGRATED SCIENCE WITH UNIVERSITY PHYSICS OPTION:			65-66	

*When submitting their transcripts to the College of Education, potential Bachelor Plus candidates are to also submit descriptions of those courses that they wish to receive credit for from Ashland University. These materials will be reviewed by the appropriate Sciences department chair to determine if the courses are comparable to those provided through Ashland University. If a given course is not approved, the candidate is to complete it. Credit is only given for those courses with a grade of a C or above (per Ashland University policy).

DEPARTMENT CHAIR SIGNATURE (IF APPLICABLE): _____ DATE: _____

TRANSCRIPT EVALUATOR'S SIGNATURE: _____ DATE: _____

IMPORTANT NOTES:

- Program Checksheets completed prior to an individual's acceptance to the university are nonbinding and unofficial. The student's Program Checksheet is simply a list of the required courses for the degree or licensure. If the individual's application to the university is not submitted and approved within one semester of the date on the Checksheet, or the requirements for a given program have changed, they will be required to sign a new Program Checksheet. It is the student's responsibility to notify the university should they change from one degree, licensure, or endorsement program to another or add an additional program.
- It is the student's responsibility to submit all appropriate transcripts required for transfer credit. This should be completed within the first semester. Transfer credit noted on a Program Checksheet is not official until it has been reviewed and approved by the Office of Records and Registration. The student needs to monitor the status of his or her transfer credit.
- Students are to contact the Financial Aid Office when a change in the program occurs. Changes may result in an increase in the number of hours required to complete a program and may result in potential changes in financial obligations due to a change in the academic program.

Admission to Fields Tests and Pathways:

Before admission to the first field at Ashland University, students must satisfactorily complete the following College of Education Tests or Academic Pathways for Reading, Writing, and Math.

Test preparation and registration information is on the next page.

Reading - One of the following:

1. ACT minimum score Reading: 20
2. SAT minimum score of Critical Reading: 490 (pre 3/16/2021) or 530 (post 3/16/2021)
3. Praxis Core minimum score of Reading: 156, test code 5712, or 5713 (identical tests)**
4. Reading Pathway*: An Accuplacer Reading minimum score of 263. And a minimum grade of B in Historical Reasoning (112, 113, 212, 213), Humanities (page 158), or Religion Core (106, 107, 109). AYA Integrated Language Arts or Middle Grades Language Arts majors are not eligible for the Reading Pathway. All other licenses are eligible.

Writing – One of the following:

1. ACT minimum score of English: 19
2. SAT minimum score of Critical Reading: 490 (pre 3/16/2021) or 530 (post 3/16/2021)
3. Praxis Core minimum score of Writing: 162, test code 5722, or 5723 (identical tests)**
4. Writing Pathway*: A minimum grade of B in English 101, English 102, or equivalent. AYA Integrated Language Arts and Middle Grades Language Arts majors are not eligible for the Writing Pathway. All other licenses are eligible.

Math – One of the following:

1. ACT minimum score of Math 18
2. SAT minimum score of Math 500 (pre 3/16/2021) or 520 (post 3/16/2021)
3. Praxis Core minimum score of Math 152, test code 5732, or 5733** (5732 has more Geometry, 5733 has more Statistics)
4. Math Pathway*: A minimum grade of B in any course with a MATH prefix of 108 or above. AYA Integrated Mathematics and Middle Grades Mathematics majors are not eligible for the Math Pathway. All other licenses are eligible.

Pathway Notes***:	<i>To be filled in by COE transcript evaluator only</i>
Reading:	
Writing:	
Mathematics:	

*All Pathway courses must have been taken within ten years of admission to AU Teacher Education.

** The combined test codes are 5751 or 5752. These codes are for all three tests taken together, the scores are the same as above. Retake only the individual tests that are not passed.

***Bachelor's Plus students Pathways are part of the admission process.

ACT/SAT/Praxis Core test scores should be submitted directly to Ashland University or the student must provide an official copy of test scores to the appropriate office.

Students must have been accepted as candidates in the program prior to registering for a field experience.

Test Preparation and Registration Information:

1) Praxis Cores Tests:

- a) Preparation
 - i) <https://www.ets.org/praxis/register/how>
 - ii) **Note that the complete purpose of a practice test is to see if you can identify the topics and anticipate if you will be able to answer a number of additional questions about the topic correctly. The purpose of a practice test is not to just see if you can get the questions correct.**
 - iii) The ETS site has excellent Kahn test preparation material for all three tests.
 - iv) The aleks.com website also has very good math preparation material. Follow these steps:
 - (1) Aleks.com
 - (2) Select Independent Use in the lower right corner
 - (3) Select Buy Aleks Now
 - (4) Select again Buy Aleks Now
 - (5) Under Market select Higher Education Math
 - (6) Under course select Pre-Algebra
 - (7) Then follow the instructions.
 - v) Additional practice problems for all of the tests include: ACT, SAT, and Praxis I.
- b) Registration
 - i) Registration is easy: <https://www.ets.org/praxis/register/how>
 - ii) Home proctoring is available, but is not working very well.
 - iii) **When registering for a test select Register Now. Do NOT select State Testing Requirements.**
 - iv) The tests cost \$90 each or \$150 for all three
 - v) **Note that if you register for all three tests during a single internet event, you will save about \$120.**

2) Accuplacer Tests

- a) Preparation:
- b) Test Preparation: <https://accuplacer.collegeboard.org/students/prepare-for-accuplacer/practice>
- c) The Accuplacer Reading test may only be repeated after 30 days from the previous administration.
- d) Scores/Registration:
 - i) If your Accuplacer test was previously taken, **request that your advisor send test scores to:**
Jane Bauer, Coordinator of Blackboard & Data Analytics, Schar College of Education jbauer7@ashland.edu
 - ii) If you have not taken the Accuplacer Reading test you may schedule an appointment at the LCCC Testing & Assessment Center, 440.366.7773 or 440.366.7654 or schedule on line: testingcenter@lorainccc.edu.
Request that the LCCC test center send your scores to the same email address as above.
Main campus students see number 4 below.

3) ACT/SAT/Praxis Core test scores should be submitted directly to Ashland University Registrar, or students must send a copy of the official test scores to the same email address as above.

4) Ashland University, Main Campus Test Center

The [Test Center on the main campus](#) is now open. The center provides the Accuplacer test, but not the Praxis Core or ACT tests. The Center also provides the OAE tests.

I have reviewed all pages of this document with the individual requesting this Program Checklist.