

AYA EARTH SCIENCE LICENSURE, BA

Bachelor of Arts in Education, Adolescent to Young Adult Earth Science Licensure (Grades 7-12) (530611BA)

More on the Adolescent to Young Adult Earth Science Licensure major (<https://www.uakron.edu/education/academic-programs/undergraduate-programs.dot>)

School of Education Admission Requirements For Those Persons Seeking State of Ohio Licensure

All students must complete the following requirements for admission:

- School of Education Application for Admission.** Responses to the questions on the application will help School of Education advisors offer the most effective and efficient advisement. It will also help advisors know students as individuals with unique backgrounds and experiences. Applications are available online at: <http://www.uakron.edu/education/academic-programs/how-to-apply.dot>.
- Intercollege Transfer (Undergraduate students only).** Those students enrolled in another college wishing to complete degree requirements in the School of Education should see their advisor to initiate an intercollege transfer to the School of Education. Those students may not access School of Education core courses prior to admission. Students planning to complete teacher education as part of their degree requirements in another college need not complete an ICT.
- Grade Point Average of 3.0 or better overall and 2.5 or better overall in prerequisite credit hours from specific courses identified by the School.**
- Evidence of competency in reading comprehension and writing as demonstrated by one of the following:**
 - A composite ACT score of 21 or higher, or
 - A composite SAT-R score of 1060 (Math and Verbal) or higher, or
 - A grade of "B" or higher in a course that meets the University's General Education English Composition I requirement.
- Evidence of competency in mathematics as shown by one of the following:**
 - A composite ACT score of 21 or higher, or
 - A composite SAT-R score of 1060 (Math and Verbal) or higher, or
 - A grade of "B" or better in a minimum of 3 credits of mathematics that meets the University's General Education mathematics requirement.
- Signed Criminal Background Check Acknowledgment Form**

The LeBron James Family Foundation School of Education
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 Akron, Ohio 44325-4201
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The following information has official approval of **The LeBron James Family Foundation School of Education and The Buchtel College of Arts & Sciences**, but is intended only as a supplemental guide. Official degree requirements are established at the time of transfer and admission to the degree-granting college. Students should refer to the Degree Progress

Report (DPR) which is definitive for graduation requirements. *Completion of this degree within the identified time frame below is contingent upon many factors, including but not limited to: class availability, total number of required credits, work schedule, finances, family, course drops/withdrawals, successfully passing courses, prerequisites, among others.* The transfer process is completed through an appointment with your academic advisor.

Requirements Summary

| Code | Title | Hours |
|--------------------|--|----------------|
| | General Education Requirements (https://bulletin.uakron.edu/undergraduate/general-education/) | 34 |
| | Professional Education Requirements for Undergraduate Science Students | 39-44 |
| | Content Requirements for Earth Science Licensure Students | 54 |
| | Additional Major Electives * | 1-0 |
| Total Hours | | 128-132 |

* This major requires a minimum of 128 completed credit hours.

Recommended General Education Courses

| Code | Title | Hours |
|--|---|-----------|
| Students pursuing a bachelor's degree must complete three tiers of General Education coursework. Tiers I and II provide students with foundational skills and breadth of disciplinary knowledge. Tier III courses require students to integrate knowledge, understand diverse perspectives, and think critically about complex issues. Courses tagged for Tier III may also fulfill major or Disciplinary Area requirements. | | |
| Students are not required to enroll in the specific courses listed below. However, to facilitate successful degree completion, the academic department strongly encourages completion of the following recommendations. | | |
| Tier I: Academic Foundations | | 12 |
| <i>Quantitative Reasoning: 3 credit hours</i> | | |
| <i>Speaking: 3 credit hours</i> | | |
| 7600:105 | Introduction to Public Speaking or 7600:106 Effective Oral Communication | |
| <i>Writing: 6 credit hours</i> | | |
| 3300:111 | English Composition I | |
| 3300:112 | English Composition II | |
| Tier II: Disciplinary Areas | | 22 |
| <i>Arts/Humanities: 9 credit hours</i> | | |
| <i>Natural Sciences: 7 credit hours</i> | | |
| <i>Social Sciences: 6 credit hours</i> | | |
| Tier III: Tagged Courses | | |
| <i>Select one class from each of the following subcategories:</i> | | |
| Complex Systems | | |
| Critical Thinking | | |
| Domestic Diversity | | |
| Global Diversity | | |

Review the General Education Requirements page for detailed course listings.

Total Hours 34

Professional Education Requirements for Undergraduate Science Students ¹

| Code | Title | Hours |
|-------------------|--|-------|
| Phase One: | | |
| 5100:200 | Introduction to Education | 3 |
| 5100:220 | Educational Psychology | 3 |
| 5300:100 | Orientation to the AYA/P-12 Multi-Age Programs | 0 |
| 5300:320 | Introduction to Teaching in the Content Area | 3 |
| 5300:420 | Instructional Techniques in Secondary Education | 3 |
| 5300:421 | Instructional Techniques in Secondary Education - II | 3 |
| 5500:308 | Instructional Design and Assessment | 6 |
| 5500:430 | Clinical Teaching I | 3 |
| 5500:431 | Clinical Teaching II | 3 |
| 5500:440 | Literacy in the Content Areas | 3 |
| 5610:225 | Introduction to Exceptionalities | 3 |
| Phase Two: | | |
| 5300:495 | Student Teaching: Secondary Education ² | 6-11 |
| Total Hours | | 39-44 |

¹ At least 40 credit hours with a grade of C or better and a GPA of 2.5 or better.

² All students must have the approval of the Student Teaching Committee, based upon approved application to student teaching, and passing OAE Content and Reading tests. Planned teaching experience in schools selected and supervised by the Office of Teacher Education and Licensure experiences. Corequisite 5300:496 Student Teaching Colloquium in Secondary Education. To qualify for student teaching, students must have a 2.5 GPA overall, 2.5 in education classes, and 2.5 in the student's major, in methods courses, core courses, and in their teaching field(s). Satisfactory completion of a minimum of 100 hours of field experience is also required before student teaching.

Content Requirements for Earth Science Licensure Students ¹

| Code | Title | Hours |
|----------------------|--------------------------------------|-------|
| Science Core | | |
| 3100:111 | Principles of Biology I | 4 |
| 3100:112 | Principles of Biology II | 4 |
| 3150:151 | Principles of Chemistry I | 3 |
| 3150:152 | Principles of Chemistry I Laboratory | 1 |
| 3150:153 | Principles of Chemistry II | 3 |
| 3370:101 | Introductory Physical Geology | 4 |
| 3370:102 | Introductory Historical Geology | 4 |
| 3650:130 | Descriptive Astronomy | 4 |
| 3650:261 | Physics for Life Sciences I | 4 |
| 3650:262 | Physics for Life Sciences II | 4 |
| Earth Science | | |

| | | |
|--------------------|---------------------------------------|----|
| 3370:137 | Earth's Atmosphere & Weather | 1 |
| 3370:200 | Environmental Geology | 3 |
| 3370:203 | Exercises in Environmental Geology II | 1 |
| 3370:371 | Oceanography | 4 |
| 3370:455 | Field Studies in Geology | 3 |
| Mathematics | | |
| 3450:221 | Analytic Geometry-Calculus I | 4 |
| 3470:260 | Basic Statistics | 3 |
| Total Hours | | 54 |

¹ 54 credit hours with a GPA of 2.5 or better.