CURRICULUM AND INSTRUCTION WITH LICENSURE OPTIONS

This program is a Master of Science degree, which leads to licensure in a chosen teaching field and is open to highly qualified students who hold an undergraduate degree. It is designed to give the student concentrated study in one of the licensure areas listed for high school (grades 7-12) or multi-age (grades P-12). All teacher education programs require a 16-week student teaching experience.

The University of Akron offers adolescent/young adult licensure (grades 7-12) in the following fields:

- Integrated Social Studies
- Integrated Language Arts
- Integrated Mathematics
- Life Science
- Earth Science
- Life and Earth Science
- Life Science and Chemistry
- Life Science and Physics
- Chemistry
- Physics
- Chemistry and Physics
- Earth Science
- Earth Science and Chemistry
- Earth Science and Physics

Specializations for Multi-Age (P-12) licensure include:

- Visual Arts
- Physical Education

All requirements for licensure must be met. In order to be licensed candidates may need additional subject area coursework (up to 63 credits) to meet ODE licensure requirements, including mandated coursework in reading.

Admission Requirements

- Completed application for Graduate School.
- Students must have an overall 3.0 grade point average to be fully admitted.

College of Education Teacher Education Program:

- Completed teacher education program application
- Competency in reading comprehension, writing, and mathematics as evidenced by an earned bachelor’s degree from an accredited college or university.
- BCI (Bureau of Criminal Investigation) and FBI Acknowledgement Form

Call (330) 972-7750 or visit the following for more information:
http://www.uakron.edu/education/academic-programs/CIS/how-to-apply.dot

Option in Adolescent to Young Adult (AYA) Education (grades 7-12): Integrated Social Studies Licensure

Pre-Internship Year Courses – 12 credits

- 5500:522 Content Area Literacy (3 credits)
- 5500:539 Engineering for Educators (3 credits) or 5500:611 Global Education and Technology (3 credits)
- 5500:619 Instructional & Management Practices (3 credits)
- 5610:605 Inclusion Models & Strategies (3 credits)

Internship Year Courses – 18 credits

- 5100:642 Introduction to Classroom Assessment for Teachers (3 credits)
- 5500:520 Advanced Instructional Techniques (3 credits)
- 5500:521 Advanced Instructional Techniques II (2 credits)
- 5500:530 Clinical Teaching I (3 credits)
- 5500:531 Clinical Teaching II (3 credits)
- 5500:694 Field Experience: Classroom Instruction (1-12 credits)

Post-Internship Year Courses – 6 credits

- 5100:650 Data Collection Methods for Educators (3 credit)
- 5500:617 Seminar: Licensure in Curricular and Instructional Studies (3 credits)

Minimum credits required for degree: 36

Option in Adolescent to Young Adult (AYA) Education (grades 7-12): Integrated Language Arts Licensure

Pre-Internship Year Courses – 12 credits

- 5500:522 Content Area Literacy (3 credits)
- 5500:539 Engineering for Educators (3 credits) or 5500:611 Global Education and Technology (3 credits)
- 5500:619 Instructional & Management Practices (3 credits)
- 5610:605 Inclusion Models & Strategies (3 credits)

Internship Year Courses – 18 credits

- 5100:642 Introduction to Classroom Assessment for Teachers (3 credits)
- 5500:520 Advanced Instructional Techniques (3 credits)
- 5500:521 Advanced Instructional Techniques II (2 credits)
- 5500:530 Clinical Teaching I (3 credits)
- 5500:531 Clinical Teaching II (3 credits)
- 5500:694 Field Experience: Classroom Instruction (1-12 credits)

Post-Internship Year Courses – 6 credits

- 5100:650 Data Collection Methods for Educators (3 credit)
- 5500:617 Seminar: Licensure in Curricular and Instructional Studies (3 credits)

Minimum credits required for degree: 36
Option in Adolescent to Young Adult (AYA) Education (grades 7-12): Integrated Mathematics Licensure

Pre-Internship Year Courses – 12 credits
- 5500:522 Content Area Literacy (3 credits)
- 5500:539 Engineering for Educators (3 credits) or 5500:611 Global Education and Technology (3 credits)
- 5500:619 Instructional & Management Practices (3 credits)
- 5610:605 Inclusion Models & Strategies (3 credits)

Internship Year Courses – 18 credits
- 5100:642 Introduction to Classroom Assessment for Teachers (3 credits)
- 5500:520 Advanced Instructional Techniques (3 credits)
- 5500:521 Advanced Instructional Techniques II (2 credits)
- 5500:530 Clinical Teaching I (3 credits)
- 5500:531 Clinical Teaching II (3 credits)
- 5500:694 Field Experience: Classroom Instruction (1-12 credits)

Post-Internship Year Courses – 6 credits
- 5100:650 Data Collection Methods for Educators (3 credit)
- 5500:617 Seminar: Licensure in Curricular and Instructional Studies (3 credits)

Minimum credits required for degree: 36

Option in Adolescent to Young Adult (AYA) Education (grades 7-12): Biology and Earth Sciences Licensure

Pre-Internship Year Courses – 12 credits
- 5500:522 Content Area Literacy (3 credits)
- 5500:539 Engineering for Educators (3 credits) or 5500:611 Global Education and Technology (3 credits)
- 5500:619 Instructional & Management Practices (3 credits)
- 5610:605 Inclusion Models & Strategies (3 credits)

Internship Year Courses – 18 credits
- 5100:642 Introduction to Classroom Assessment for Teachers (3 credits)
- 5500:520 Advanced Instructional Techniques (3 credits)
- 5500:521 Advanced Instructional Techniques II (2 credits)
- 5500:530 Clinical Teaching I (3 credits)
- 5500:531 Clinical Teaching II (3 credits)
- 5500:694 Field Experience: Classroom Instruction (1-12 credits)

Post-Internship Year Courses – 6 credits
- 5100:650 Data Collection Methods for Educators (3 credit)
- 5500:617 Seminar: Licensure in Curricular and Instructional Studies (3 credits)

Minimum credits required for degree: 48

Option in Adolescent to Young Adult (AYA) Education (grades 7-12): Life Science Licensure

Pre-Internship Year Courses – 12 credits
- 5500:522 Content Area Literacy (3 credits)
- 5500:539 Engineering for Educators (3 credits) or 5500:611 Global Education and Technology (3 credits)
- 5500:619 Instructional & Management Practices (3 credits)
- 5610:605 Inclusion Models & Strategies (3 credits)

Internship Year Courses – 18 credits
- 5100:642 Introduction to Classroom Assessment for Teachers (3 credits)
- 5500:520 Advanced Instructional Techniques (3 credits)
- 5500:521 Advanced Instructional Techniques II (2 credits)
- 5500:530 Clinical Teaching I (3 credits)
- 5500:531 Clinical Teaching II (3 credits)
- 5500:694 Field Experience: Classroom Instruction (1-12 credits)

Post-Internship Year Courses – 6 credits
- 5100:650 Data Collection Methods for Educators (3 credit)
- 5500:617 Seminar: Licensure in Curricular and Instructional Studies (3 credits)

Minimum credits required for degree: 36

Option in Adolescent to Young Adult (AYA) Education (grades 7-12): Life Sciences and Chemistry Licensure

Pre-Internship Year Courses – 12 credits
- 5500:522 Content Area Literacy (3 credits)
- 5500:539 Engineering for Educators (3 credits) or 5500:611 Global Education and Technology (3 credits)
- 5500:619 Instructional & Management Practices (3 credits)
- 5610:605 Inclusion Models & Strategies (3 credits)

Internship Year Courses – 18 credits
- 5100:642 Introduction to Classroom Assessment for Teachers (3 credits)
- 5500:520 Advanced Instructional Techniques (3 credits)
- 5500:521 Advanced Instructional Techniques II (2 credits)
- 5500:530 Clinical Teaching I (3 credits)
- 5500:531 Clinical Teaching II (3 credits)
- 5500:694 Field Experience: Classroom Instruction (1-12 credits)

Post-Internship Year Courses – 6 credits
- 5100:650 Data Collection Methods for Educators (3 credit)
- 5500:617 Seminar: Licensure in Curricular and Instructional Studies (3 credits)

Minimum credits required for degree: 36
Option in Adolescent to Young Adult (AYA) Education (grades 7-12): Life Sciences and Physics Licensure

Pre-Internship Year Courses – 12 credits
- 5500:522 Content Area Literacy (3 credits)
- 5500:539 Engineering for Educators (3 credits) or 5500:611 Global Education and Technology (3 credits)
- 5500:619 Instructional & Management Practices (3 credits)
- 5610:605 Inclusion Models & Strategies (3 credits)

Internship Year Courses – 18 credits
- 5100:642 Introduction to Classroom Assessment for Teachers (3 credits)
- 5500:520 Advanced Instructional Techniques (3 credits)
- 5500:521 Advanced Instructional Techniques II (2 credits)
- 5500:530 Clinical Teaching I (3 credits)
- 5500:531 Clinical Teaching II (3 credits)
- 5500:694 Field Experience: Classroom Instruction (1-12 credits)

Post-Internship Year Courses – 6 credits
- 5100:650 Data Collection Methods for Educators (3 credit)
- 5500:617 Seminar: Licensure in Curricular and Instructional Studies (3 credits)

Minimum credits required for degree: 36

Option in Adolescent to Young Adult (AYA) Education (grades 7-12): Chemistry Licensure

Pre-Internship Year Courses – 12 credits
- 5500:522 Content Area Literacy (3 credits)
- 5500:539 Engineering for Educators (3 credits) or 5500:611 Global Education and Technology (3 credits)
- 5500:619 Instructional & Management Practices (3 credits)
- 5610:605 Inclusion Models & Strategies (3 credits)

Internship Year Courses – 18 credits
- 5100:642 Introduction to Classroom Assessment for Teachers (3 credits)
- 5500:520 Advanced Instructional Techniques (3 credits)
- 5500:521 Advanced Instructional Techniques II (2 credits)
- 5500:530 Clinical Teaching I (3 credits)
- 5500:531 Clinical Teaching II (3 credits)
- 5500:694 Field Experience: Classroom Instruction (1-12 credits)

Post-Internship Year Courses – 6 credits
- 5100:650 Data Collection Methods for Educators (3 credit)
- 5500:617 Seminar: Licensure in Curricular and Instructional Studies (3 credits)

Minimum credits required for degree: 36

Option in Adolescent to Young Adult (AYA) Education (grades 7-12): Physics Licensure

Pre-Internship Year Courses – 12 credits
- 5500:522 Content Area Literacy (3 credits)
- 5500:539 Engineering for Educators (3 credits) or 5500:611 Global Education and Technology (3 credits)
- 5500:619 Instructional & Management Practices (3 credits)
- 5610:605 Inclusion Models & Strategies (3 credits)

Internship Year Courses – 18 credits
- 5100:642 Introduction to Classroom Assessment for Teachers (3 credits)
- 5500:520 Advanced Instructional Techniques (3 credits)
- 5500:521 Advanced Instructional Techniques II (2 credits)
- 5500:530 Clinical Teaching I (3 credits)
- 5500:531 Clinical Teaching II (3 credits)
- 5500:694 Field Experience: Classroom Instruction (1-12 credits)

Post-Internship Year Courses – 6 credits
- 5100:650 Data Collection Methods for Educators (3 credit)
- 5500:617 Seminar: Licensure in Curricular and Instructional Studies (3 credits)

Minimum credits required for degree: 36

Option in Adolescent to Young Adult (AYA) Education (grades 7-12): Chemistry and Physics Licensure

Pre-Internship Year Courses – 12 credits
- 5500:522 Content Area Literacy (3 credits)
- 5500:539 Engineering for Educators (3 credits) or 5500:611 Global Education and Technology (3 credits)
- 5500:619 Instructional & Management Practices (3 credits)
- 5610:605 Inclusion Models & Strategies (3 credits)

Internship Year Courses – 18 credits
- 5100:642 Introduction to Classroom Assessment for Teachers (3 credits)
- 5500:520 Advanced Instructional Techniques (3 credits)
- 5500:521 Advanced Instructional Techniques II (2 credits)
- 5500:530 Clinical Teaching I (3 credits)
- 5500:531 Clinical Teaching II (3 credits)
- 5500:694 Field Experience: Classroom Instruction (1-12 credits)

Post-Internship Year Courses – 6 credits
- 5100:650 Data Collection Methods for Educators (3 credit)
- 5500:617 Seminar: Licensure in Curricular and Instructional Studies (3 credits)

Minimum credits required for degree: 36
### Option in Adolescent to Young Adult (AYA) Education (grades 7-12): Earth Science Licensure

**Pre-Internship Year Courses – 12 credits**
- 5500:522 Content Area Literacy (3 credits)
- 5500:539 Engineering for Educators (3 credits) or 5500:611 Global Education and Technology (3 credits)
- 5500:619 Instructional & Management Practices (3 credits)
- 5610:605 Inclusion Models & Strategies (3 credits)

**Internship Year Courses – 18 credits**
- 5100:642 Introduction to Classroom Assessment for Teachers (3 credits)
- 5500:520 Advanced Instructional Techniques (3 credits)
- 5500:521 Advanced Instructional Techniques II (2 credits)
- 5500:530 Clinical Teaching I (3 credits)
- 5500:531 Clinical Teaching II (3 credits)
- 5500:694 Field Experience: Classroom Instruction (1-12 credits)

**Post-Internship Year Courses – 6 credits**
- 5100:650 Data Collection Methods for Educators (3 credit)
- 5500:617 Seminar: Licensure in Curricular and Instructional Studies (3 credits)

Minimum credits required for degree: 36

### Option in Adolescent to Young Adult (AYA) Education (grades 7-12): Earth Science and Physics Licensure

**Pre-Internship Year Courses – 12 credits**
- 5500:522 Content Area Literacy (3 credits)
- 5500:539 Engineering for Educators (3 credits) or 5500:611 Global Education and Technology (3 credits)
- 5500:619 Instructional & Management Practices (3 credits)
- 5610:605 Inclusion Models & Strategies (3 credits)

**Internship Year Courses – 18 credits**
- 5100:642 Introduction to Classroom Assessment for Teachers (3 credits)
- 5500:520 Advanced Instructional Techniques (3 credits)
- 5500:521 Advanced Instructional Techniques II (2 credits)
- 5500:530 Clinical Teaching I (3 credits)
- 5500:531 Clinical Teaching II (3 credits)
- 5500:694 Field Experience: Classroom Instruction (1-12 credits)

**Post-Internship Year Courses – 6 credits**
- 5100:650 Data Collection Methods for Educators (3 credit)
- 5500:617 Seminar: Licensure in Curricular and Instructional Studies (3 credits)

Minimum credits required for degree: 36

### Option in Adolescent to Young Adult (AYA) Education (grades 7-12): Earth Science and Chemistry Licensure

**Pre-Internship Year Courses – 12 credits**
- 5500:522 Content Area Literacy (3 credits)
- 5500:539 Engineering for Educators (3 credits) or 5500:611 Global Education and Technology (3 credits)
- 5500:619 Instructional & Management Practices (3 credits)
- 5610:605 Inclusion Models & Strategies (3 credits)

**Internship Year Courses – 18 credits**
- 5100:642 Introduction to Classroom Assessment for Teachers (3 credits)
- 5500:520 Advanced Instructional Techniques (3 credits)
- 5500:521 Advanced Instructional Techniques II (2 credits)
- 5500:530 Clinical Teaching I (3 credits)
- 5500:531 Clinical Teaching II (3 credits)
- 5500:694 Field Experience: Classroom Instruction (1-12 credits)

**Post-Internship Year Courses – 6 credits**
- 5100:650 Data Collection Methods for Educators (3 credit)
- 5500:617 Seminar: Licensure in Curricular and Instructional Studies (3 credits)

Minimum credits required for degree: 36

### Option in Adolescent to Young Adult (AYA) Education (grades 7-12): Earth Science and Physics Licensure

**Pre-Internship Year Courses – 12 credits**
- 5500:522 Content Area Literacy (3 credits)
- 5500:539 Engineering for Educators (3 credits) or 5500:611 Global Education and Technology (3 credits)
- 5500:619 Instructional & Management Practices (3 credits)
- 5610:605 Inclusion Models & Strategies (3 credits)

**Internship Year Courses – 18 credits**
- 5100:642 Introduction to Classroom Assessment for Teachers (3 credits)
- 5500:520 Advanced Instructional Techniques (3 credits)
- 5500:521 Advanced Instructional Techniques II (2 credits)
- 5500:530 Clinical Teaching I (3 credits)
- 5500:531 Clinical Teaching II (3 credits)
- 5500:694 Field Experience: Classroom Instruction (1-12 credits)

**Post-Internship Year Courses – 6 credits**
- 5100:650 Data Collection Methods for Educators (3 credit)
- 5500:617 Seminar: Licensure in Curricular and Instructional Studies (3 credits)

Minimum credits required for degree: 36

### Option in Multi-Age (grades P-12) Education: Visual Arts Licensure

**Educational Foundations Courses – 10 credits**
- 5500:575 Instructional Technology Applications (3 credits)

**Curricular and Instructional Studies – 19 credits**
- 5500:617 Seminar: Licensure in Curricular and Instructional Studies (3 credits)
- 5500:619 Instructional & Management Practices (taken in conjunction with 5500:693 Field Experience: Masters with Licensure (3 credits)
- 5610:605 Inclusion Models & Strategies (3 credits)

**Internship Year Courses – 18 credits**
- 5100:642 Introduction to Classroom Assessment for Teachers (3 credits)
- 5500:520 Advanced Instructional Techniques (3 credits)
- 5500:521 Advanced Instructional Techniques II (2 credits)
- 5500:530 Clinical Teaching I (3 credits)
- 5500:531 Clinical Teaching II (3 credits)
- 5500:694 Field Experience: Classroom Instruction (1-12 credits)

**Post-Internship Year Courses – 6 credits**
- 5100:650 Data Collection Methods for Educators (3 credit)
- 5500:617 Seminar: Licensure in Curricular and Instructional Studies (3 credits)

Minimum credits required for degree: 36

### Option in Multi-Age (grades P-12) Education: Visual Arts Licensure

**Educational Foundations Courses – 10 credits**
- 5500:575 Instructional Technology Applications (3 credits)

**Curricular and Instructional Studies – 19 credits**
- 5500:617 Seminar: Licensure in Curricular and Instructional Studies (3 credits)
- 5500:619 Instructional & Management Practices (taken in conjunction with 5500:693 Field Experience: Masters with Licensure (3 credits)
- 5610:605 Inclusion Models & Strategies (3 credits)

**Area of Concentration – 15 credits**
- 7100:510 Methods of Teaching Elementary Art (Fall Only) (3 credits)
- 7100:511 Methods of Teaching Secondary Art (Spring Only) (3 credits)

**Field Experience (Student Teaching) – 12 credits**
- 5500:694 Field Experience: Classroom Instruction (11 credits)
- 7100:512 Student Teaching Colloquium (1 credit)

Minimum credits required for degree: 56
Option in Multi-Age (grades P-12) Education: Physical Education Licensure

Educational Foundations Courses – 10 credits

Curricular and Instructional Studies – 13 credits

• 5500:575 Instructional Technology Applications (3 credits)
• 5500:617 Seminar: Licensure in Curricular and Instructional Studies (3 credits)
• 5500:619 Instructional & Management Practices (taken in conjunction with 5500:693 Field Experience: Masters with Licensure (3 credits)
• 5500:693 Field Experience: Masters with Licensure (1 credit)
• 5500:555 Literacy for Multiage Licensure (3 credits)

Area of Concentration – 9 credits

• 5550:547 Instructional Techniques for Children in Physical Education (3 credits)
• 5550:546 Instructional Techniques in Secondary Physical Education (3 credits)
• 5550:552 Foundations of Sport Science, Physical and Health Education (3 credits)
  or
• 5550:550 Organization & Administration of Physical Education, Intramurals and Athletics (3 credits)

Electives – 6 credits

• Select six credits in 5550
  or
• 5500:600 Concepts of Curriculum & Instruction (3 credits)
  or
• 5500:605 Seminar in Trends & Issues in Curriculum & Instruction (3 credits)

Field Experience (Student Teaching) – 10 credits

• 5550:595 Practicum: Student Teaching (8 credits)
• 5550:594 Student Teaching Colloquium (for Master’s Plus Initial Lic.) (2 credits)

Minimum credits required for degree: 48

Clinical and Field-Based Experiences

All teacher education candidates, including those in the master’s with licensure programs, are required to participate satisfactorily in clinical and field-based experiences prior to recommendation for licensure. These integrated and developmental clinical and field-based experiences are designed to provide teacher education students with opportunities to apply theory and skills related to their areas of licensure. Field-based experiences are planned in diverse settings and provide comprehensive early and ongoing field-based opportunities in which candidates may observe, assist, tutor, instruct, and/or conduct research. Field experiences may occur in off-campus educational settings.

Student teaching is a full-time opportunity that provides candidates with an intensive and extensive culminating clinical experience in an approved public or private school for 16 weeks. Candidates are immersed in the learning community and are provided opportunities to develop and demonstrate competence in the professional roles for which they are preparing. Placements are made in appropriate sites at the discretion of the College of Education in consultation with program faculty and district leaders. All students must have approval of the Student Teaching Committee to be placed for student teaching.