

CURRICULUM AND INSTRUCTION WITH LICENSURE OPTIONS, MS

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

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.
- Provisional admission may be granted to a student who has a grade point average of 2.75 or higher. Full admission is granted after the student obtains a 3.0 or higher in the first 15 credit hours of the graduate program.

School 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

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

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.
- Provisional admission may be granted to a student who has a grade point average of 2.75 or higher. Full admission is granted after the student obtains a 3.0 or higher in the first 15 credit hours of the graduate program.

School 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

Option in Adolescent to Young Adult (AYA) Education (Grades 7-12): Integrated Mathematics Licensure

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.
- Provisional admission may be granted to a student who has a grade point average of 2.75 or higher. Full admission is granted after the student obtains a 3.0 or higher in the first 15 credit hours of the graduate program.

School 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

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

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.
- Provisional admission may be granted to a student who has a grade point average of 2.75 or higher. Full admission is granted after the student obtains a 3.0 or higher in the first 15 credit hours of the graduate program.

School 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

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

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.
- Provisional admission may be granted to a student who has a grade point average of 2.75 or higher. Full admission is granted after the student obtains a 3.0 or higher in the first 15 credit hours of the graduate program.

School 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

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

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.
- Provisional admission may be granted to a student who has a grade point average of 2.75 or higher. Full admission is granted after the student obtains a 3.0 or higher in the first 15 credit hours of the graduate program.

School 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

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

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.
- Provisional admission may be granted to a student who has a grade point average of 2.75 or higher. Full admission is granted after the student obtains a 3.0 or higher in the first 15 credit hours of the graduate program.

School 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

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

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.
- Provisional admission may be granted to a student who has a grade point average of 2.75 or higher. Full admission is granted after the student obtains a 3.0 or higher in the first 15 credit hours of the graduate program.

School 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

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

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.
- Provisional admission may be granted to a student who has a grade point average of 2.75 or higher. Full admission is granted after the student obtains a 3.0 or higher in the first 15 credit hours of the graduate program.

School 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

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

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.
- Provisional admission may be granted to a student who has a grade point average of 2.75 or higher. Full admission is granted after the student obtains a 3.0 or higher in the first 15 credit hours of the graduate program.

School 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

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

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.
- Provisional admission may be granted to a student who has a grade point average of 2.75 or higher. Full admission is granted after the student obtains a 3.0 or higher in the first 15 credit hours of the graduate program.

School 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

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

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.
- Provisional admission may be granted to a student who has a grade point average of 2.75 or higher. Full admission is granted after the student obtains a 3.0 or higher in the first 15 credit hours of the graduate program.

School 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

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

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.
- Provisional admission may be granted to a student who has a grade point average of 2.75 or higher. Full admission is granted after the student obtains a 3.0 or higher in the first 15 credit hours of the graduate program.

School 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

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

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

Option in Multi-Age (Grades P-12) Education: Physical Education Licensure

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.
- Provisional admission may be granted to a student who has a grade point average of 2.75 or higher. Full admission is granted after the student obtains a 3.0 or higher in the first 15 credit hours of the graduate program.

School 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 <https://www.uakron.edu/education/academic-programs/how-to-apply.dot> for more information.

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

Code	Title	Hours
Pre-Internship Year Courses		
5500:522	Content Area Literacy	3
5500:539	Engineering for Educators	3
or 5500:611	Global Education and Technology	
5500:619	Instructional & Management Practices	3
5610:605	Inclusion Models & Strategies	3
Internship Year Courses		
5100:642	Introduction to Classroom Assessment for Teachers	3
5500:520	Advanced Instructional Techniques	3
5500:521	Advanced Instructional Techniques II	3
5500:530	Clinical Teaching I	3
5500:531	Clinical Teaching II	3
5500:694	Field Experience: Classroom Instruction	1-12
Post-Internship Year Courses		
5100:650	Data Collection Methods for Educators	3
5500:617	Seminar: Licensure in Curricular and Instructional Studies	3
Total Hours		34-45

Minimum credits required for degree: 36

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

Code	Title	Hours
Pre-Internship Year Courses		
5500:522	Content Area Literacy	3
5500:539	Engineering for Educators	3
or 5500:611	Global Education and Technology	
5500:619	Instructional & Management Practices	3
5610:605	Inclusion Models & Strategies	3
Internship Year Courses		
5100:642	Introduction to Classroom Assessment for Teachers	3
5500:520	Advanced Instructional Techniques	3
5500:521	Advanced Instructional Techniques II	3
5500:530	Clinical Teaching I	3
5500:531	Clinical Teaching II	3
5500:694	Field Experience: Classroom Instruction	1-12
Post-Internship Year Courses		
5100:650	Data Collection Methods for Educators	3
5500:617	Seminar: Licensure in Curricular and Instructional Studies	3
Total Hours		34-45

Minimum credits required for degree: 36

Option in Adolescent to Young Adult (AYA) Education (Grades 7-12): Integrated Mathematics Licensure

Code	Title	Hours
Pre-Internship Year Courses		
5500:522	Content Area Literacy	3
5500:539	Engineering for Educators	3
or 5500:611	Global Education and Technology	
5500:619	Instructional & Management Practices	3
5610:605	Inclusion Models & Strategies	3
Internship Year Courses		
5100:642	Introduction to Classroom Assessment for Teachers	3
5500:520	Advanced Instructional Techniques	3
5500:521	Advanced Instructional Techniques II	3
5500:530	Clinical Teaching I	3
5500:531	Clinical Teaching II	3
5500:694	Field Experience: Classroom Instruction	1-12
Post-Internship Year Courses		
5100:650	Data Collection Methods for Educators	3
5500:617	Seminar: Licensure in Curricular and Instructional Studies	3
Total Hours		34-45

Minimum credits required for degree: 36

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

Code	Title	Hours
Pre-Internship Year Courses		
5500:522	Content Area Literacy	3
5500:539	Engineering for Educators	3
or 5500:611	Global Education and Technology	
5500:619	Instructional & Management Practices	3
5610:605	Inclusion Models & Strategies	3
Internship Year Courses		
5100:642	Introduction to Classroom Assessment for Teachers	3
5500:520	Advanced Instructional Techniques	3
5500:521	Advanced Instructional Techniques II	3
5500:530	Clinical Teaching I	3
5500:531	Clinical Teaching II	3
5500:694	Field Experience: Classroom Instruction	1-12
Post-Internship Year Courses		
5100:650	Data Collection Methods for Educators	3
5500:617	Seminar: Licensure in Curricular and Instructional Studies	3
Total Hours		34-45

Minimum credits required for degree: 36

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

Code	Title	Hours
Pre-Internship Year Courses		
5500:522	Content Area Literacy	3
5500:539	Engineering for Educators	3
or 5500:611	Global Education and Technology	
5500:619	Instructional & Management Practices	3
5610:605	Inclusion Models & Strategies	3
Internship Year Courses		
5100:642	Introduction to Classroom Assessment for Teachers	3
5500:520	Advanced Instructional Techniques	3
5500:521	Advanced Instructional Techniques II	3
5500:530	Clinical Teaching I	3
5500:531	Clinical Teaching II	3
5500:694	Field Experience: Classroom Instruction	1-12
Post-Internship Year Courses		
5100:650	Data Collection Methods for Educators	3
5500:617	Seminar: Licensure in Curricular and Instructional Studies	3
Total Hours		34-45

Minimum credits required for degree: 36

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

Code	Title	Hours
Pre-Internship Year Courses		
5500:522	Content Area Literacy	3
5500:539	Engineering for Educators	3
or 5500:611	Global Education and Technology	
5500:619	Instructional & Management Practices	3
5610:605	Inclusion Models & Strategies	3
Internship Year Courses		
5100:642	Introduction to Classroom Assessment for Teachers	3
5500:520	Advanced Instructional Techniques	3
5500:521	Advanced Instructional Techniques II	3
5500:530	Clinical Teaching I	3
5500:531	Clinical Teaching II	3
5500:694	Field Experience: Classroom Instruction	1-12
Post-Internship Year Courses		
5100:650	Data Collection Methods for Educators	3
5500:617	Seminar: Licensure in Curricular and Instructional Studies	3
Total Hours		34-45

Minimum credits required for degree: 36

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

Code	Title	Hours
Pre-Internship Year Courses		
5500:522	Content Area Literacy	3
5500:539	Engineering for Educators	3
or 5500:611	Global Education and Technology	
5500:619	Instructional & Management Practices	3
5610:605	Inclusion Models & Strategies	3
Internship Year Courses		
5100:642	Introduction to Classroom Assessment for Teachers	3
5500:520	Advanced Instructional Techniques	3
5500:521	Advanced Instructional Techniques II	3
5500:530	Clinical Teaching I	3
5500:531	Clinical Teaching II	3
5500:694	Field Experience: Classroom Instruction	1-12
Post-Internship Year Courses		
5100:650	Data Collection Methods for Educators	3
5500:617	Seminar: Licensure in Curricular and Instructional Studies	3
Total Hours		34-45

Minimum credits required for degree: 36

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

Code	Title	Hours
Pre-Internship Year Courses		
5500:522	Content Area Literacy	3
5500:539	Engineering for Educators	3
or 5500:611	Global Education and Technology	
5500:619	Instructional & Management Practices	3
5610:605	Inclusion Models & Strategies	3
Internship Year Courses		
5100:642	Introduction to Classroom Assessment for Teachers	3
5500:520	Advanced Instructional Techniques	3
5500:521	Advanced Instructional Techniques II	3
5500:530	Clinical Teaching I	3
5500:531	Clinical Teaching II	3
5500:694	Field Experience: Classroom Instruction	1-12
Post-Internship Year Courses		
5100:650	Data Collection Methods for Educators	3
5500:617	Seminar: Licensure in Curricular and Instructional Studies	3
Total Hours		34-45

Minimum credits required for degree: 36

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

Code	Title	Hours
Pre-Internship Year Courses		
5500:522	Content Area Literacy	3
5500:539	Engineering for Educators	3
or 5500:611	Global Education and Technology	
5500:619	Instructional & Management Practices	3
5610:605	Inclusion Models & Strategies	3
Internship Year Courses		
5100:642	Introduction to Classroom Assessment for Teachers	3
5500:520	Advanced Instructional Techniques	3
5500:521	Advanced Instructional Techniques II	3
5500:530	Clinical Teaching I	3
5500:531	Clinical Teaching II	3
5500:694	Field Experience: Classroom Instruction	1-12
Post-Internship Year Courses		
5100:650	Data Collection Methods for Educators	3
5500:617	Seminar: Licensure in Curricular and Instructional Studies	3
Total Hours		34-45

Minimum credits required for degree: 36

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

Code	Title	Hours
Pre-Internship Year Courses		
5500:522	Content Area Literacy	3
5500:539	Engineering for Educators	3
or 5500:611	Global Education and Technology	
5500:619	Instructional & Management Practices	3
5610:605	Inclusion Models & Strategies	3
Internship Year Courses		
5100:642	Introduction to Classroom Assessment for Teachers	3
5500:520	Advanced Instructional Techniques	3
5500:521	Advanced Instructional Techniques II	3
5500:530	Clinical Teaching I	3
5500:531	Clinical Teaching II	3
5500:694	Field Experience: Classroom Instruction	1-12
Post-Internship Year Courses		
5100:650	Data Collection Methods for Educators	3
5500:617	Seminar: Licensure in Curricular and Instructional Studies	3
Total Hours		34-45

Minimum credits required for degree: 36

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

Code	Title	Hours
Pre-Internship Year Courses		
5500:522	Content Area Literacy	3
5500:539	Engineering for Educators	3
or 5500:611	Global Education and Technology	
5500:619	Instructional & Management Practices	3
5610:605	Inclusion Models & Strategies	3
Internship Year Courses		
5100:642	Introduction to Classroom Assessment for Teachers	3
5500:520	Advanced Instructional Techniques	3
5500:521	Advanced Instructional Techniques II	3
5500:530	Clinical Teaching I	3
5500:531	Clinical Teaching II	3
5500:694	Field Experience: Classroom Instruction	1-12
Post-Internship Year Courses		
5100:650	Data Collection Methods for Educators	3
5500:617	Seminar: Licensure in Curricular and Instructional Studies	3
Total Hours		34-45

Minimum credits required for degree: 36

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

Code	Title	Hours
Pre-Internship Year Courses		
5500:522	Content Area Literacy	3
5500:539	Engineering for Educators	3
or 5500:611	Global Education and Technology	
5500:619	Instructional & Management Practices	3
5610:605	Inclusion Models & Strategies	3
Internship Year Courses		
5100:642	Introduction to Classroom Assessment for Teachers	3
5500:520	Advanced Instructional Techniques	3
5500:521	Advanced Instructional Techniques II	3
5500:530	Clinical Teaching I	3
5500:531	Clinical Teaching II	3
5500:694	Field Experience: Classroom Instruction	1-12
Post-Internship Year Courses		
5100:650	Data Collection Methods for Educators	3
5500:617	Seminar: Licensure in Curricular and Instructional Studies	3
Total Hours		34-45

Minimum credits required for degree: 36

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

Code	Title	Hours
Pre-Internship Year Courses		
5500:522	Content Area Literacy	3
5500:539	Engineering for Educators	3
or 5500:611	Global Education and Technology	
5500:619	Instructional & Management Practices	3
5610:605	Inclusion Models & Strategies	3
Internship Year Courses		
5100:642	Introduction to Classroom Assessment for Teachers	3
5500:520	Advanced Instructional Techniques	3
5500:521	Advanced Instructional Techniques II	3
5500:530	Clinical Teaching I	3
5500:531	Clinical Teaching II	3
5500:694	Field Experience: Classroom Instruction	1-12
Post-Internship Year Courses		
5100:650	Data Collection Methods for Educators	3
5500:617	Seminar: Licensure in Curricular and Instructional Studies	3
Total Hours		34-45

Minimum credits required for degree: 36

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

Code	Title	Hours
Educational Foundations Courses		10
Select 10 credits		
Curricular and Instructional Studies		19
5500:575	Instructional Technology Applications	
5500:617	Seminar: Licensure in Curricular and Instructional Studies	
5500:619	Instructional & Management Practices ¹	
5500:693	Field Experience: Masters with Licensure	
5500:555	Literacy for Multiage Licensure	
7100:510	Methods of Teaching Elementary Art (Fall Only)	
7100:511	Methods of Teaching Secondary Art (Spring Only)	
Area of Concentration		15
7100:593	Adv Seminar in Art Education	
7100:594	Special Topics: Art Education	
7100:5xx	Advanced Art Elective	
Field Experience (Student Teaching)		12
5500:694	Field Experience: Classroom Instruction	
7100:512	Student Teaching Colloquium	
Total Hours		56

¹ Taken in conjunction with 5500:693 Field Experience: Masters with Licensure.

Minimum credits required for degree: 56

Option in Multi-Age (Grades P-12) Education: Physical Education Licensure

Code	Title	Hours
Educational Foundations Courses		
Select 10 credits		10
Curricular and Instructional Studies		
5500:575	Instructional Technology Applications	3
5500:617	Seminar: Licensure in Curricular and Instructional Studies	3
5500:619	Instructional & Management Practices ¹	3
5500:693	Field Experience: Masters with Licensure	1
5500:555	Literacy for Multiage Licensure	3
Area of Concentration		
5550:547	Instructional Techniques for Children in Physical Education	3
5550:546	Instructional Techniques in Secondary Physical Education	3
5550:552	Foundations of Sport Science, Physical and Health Education	3
or 5550:550	Organization & Administration of Physical Education, Intramurals and Athletics	
Electives		
Select six credits of the following:		6
5550:xxx		
5500:600	Concepts of Curriculum & Instruction	
5500:605	Seminar in Trends & Issues in Curriculum & Instruction	
Field Experience (Student Teaching)		
5550:595	Practicum: Student Teaching	8
5550:594	Student Teaching Colloquium (for Master's Plus Initial Lic.)	2
Total Hours		48

¹ Taken in conjunction with 5500:693 Field Experience: Masters with Licensure.

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 School 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.