

Ferris State University's School of Education offers an exemplary program in Secondary Education designed to provide a balanced blend of theory and practice. Students have the opportunity to obtain Michigan Secondary Provisional Certification by taking classes at Jackson College and Ferris State University. Certification will allow an individual to teach sixth through twelfth grade in both their major and minor subject areas. Throughout the program, students will complete at least 570 hours in a variety of hands-on, field-based experiences in the classroom. Our class sizes of 20-25 students guarantee that all students receive the attention they deserve. A background in state-of-the-art educational technology prepares students to integrate computer technology into instruction.

The Secondary Education Program requires the completion of a secondary education minor giving students a broad academic base in their chosen subject area. The professional education courses include field-based experiences supervised by instructional teams comprised of teacher educators, professors from the content area disciplines, and expert 6-12 teachers.

### General Admission Criteria

Students seeking admission to the teacher education program must have at least 30 transferable credits and a minimum 2.50 overall GPA. All transferred courses must be a "C" grade or higher and the following courses must be completed prior to admission: ENGL 150, ENGL 250, COMM 105 or COMM 121, and MATH 115. English majors need a "B" or better in ENGL 150 and ENGL 250. Official transcripts from all accredited colleges/universities must be submitted with the Ferris application. Financial aid is available and may include concurrent enrollment at both institutions.

### Teacher Certification Requirements

As required by the State of Michigan to receive teacher certification, all teacher candidates must: (1) meet the MDE (CAEP) cohort requirements, (2) pass the pedagogy tests in their subject area majors, and (3) have a 2.50 minimum GPA to receive teacher certification in Michigan. These state requirements are in addition to the FSU graduation requirements of your individual program.

### Field Experience, Pre-Teaching

Pre-student teaching field experiences provide an opportunity to experience classroom management, discipline, planning and delivery of content in the classroom setting. EDUC 338 and 438 have pre-teaching field experiences with clock hour requirements.

### Student Teaching

Student Teaching is the final activity of the Elementary Education Program (typically 15-16 weeks long). Prior to student teaching **all** degree program coursework must be completed and **all** minimum GPA requirements met. Student must successfully complete the Michigan Test for Teacher Certification (MTTC) subject matter exam(s). More information about student teaching can be obtained by contacting the Field Placement Coordinator or the Faculty Advisor.

### Additional Requirements

Various policies are in place to ensure the success of our students. All students must meet MDE requirements; currently CAEP, prior to starting their Level II/III courses. Students must submit required paperwork prior to taking any courses with field placements included. Students are required to maintain appropriate GPA in their planned program and minors to be eligible for student teaching and program completion.

### Communication Competency Requirements

FSU Course	FSU Course Title	FSU Cr. Hrs.	JC Equiv.	JC Course Title	JC Cr. Hrs.
COMM 105 or COMM 121	Interpersonal Communication or Fundamentals of Public Speaking	3	COM 240 or COM 234	Interpersonal Communication or Public Address	3
ENGL 150	English 1	3	ENG 131	Writing Experience	3
ENGL 250	English 2	3	ENG 132	Writing Experience	3
ENGL 321	Advanced Composition	3	No Equivalent	No Equivalent	No Equivalent

### Quantitative Literacy Requirements

FSU Course	FSU Course Title	FSU Cr. Hrs.	JC Equiv.	JC Course Title	JC Cr. Hrs.
MATH 115	Intermediate Algebra	3	MAT 131	Intermediate Algebra	4

**Natural Sciences Competency Requirements - 1 course with lab**

FSU Course	FSU Course Title	FSU Cr. Hrs.	JC Equiv.	JC Course Title	JC Cr. Hrs.
Varies	FSU General Education - Natural Sciences Elective	Met in Major	Varies	Varies	Met in Major

**Culture Competency Requirements - Minimum 9 credits from 2 different disciplines with 1 course at 200 level or higher**

FSU Course	FSU Course Title	FSU Cr. Hrs.	JC Equiv.	JC Course Title	JC Cr. Hrs.
Varies	FSU General Education - Culture Electives (see advisor)	9	Varies	Varies	Varies

**Self and Society Competency Requirements – Minimum 9 credits from 2 different disciplines with 1 course at 200 level or higher**

FSU Course	FSU Course Title	FSU Cr. Hrs.	JC Equiv.	JC Course Title	JC Cr. Hrs.
Varies	FSU General Education – Self and Society Competency (see advisor)	9	Varies	Varies	Varies

**Ferris State University General Education Program**

Students are encouraged to work with an advisor to select appropriate general education courses

**Major Requirements – 49 Credits Required**

FSU Course	FSU Course Title	FSU Cr. Hrs.	JC Equiv.	JC Course Title	JC Cr. Hrs.
BIOL 121	General Biology 1	4	BIO 161	General Biology 1	4
BIOL 122	General Biology 2	4	BIO 162	General Biology 2	4
BIOL 205	Human Anatomy and Physiology	5	BIO 155	Human Anatomy/Physiology	5
BIOL 218	Microbial Ecology	3	No Equivalent	No Equivalent	No Equivalent
BIOL 330	Zoology	4	BIO 232	General Zoology	4
BIOL 340	Evolution	3	No Equivalent	No Equivalent	No Equivalent
BIOL 350	Plants and Fungi	4	No Equivalent	No Equivalent	No Equivalent
BIOL 375	Principles of Genetics	3	No Equivalent	No Equivalent	No Equivalent
BIOL 442 or BIOL 346	Ecology or Ecological Assessment	3	No Equivalent	No Equivalent	No Equivalent
BIOL 453	Plant Physiology	4	No Equivalent	No Equivalent	No Equivalent
PHYS 450	Science Laboratory	3	No Equivalent	No Equivalent	No Equivalent

**Supporting Sciences – 9 Credits Required**

FSU Course	FSU Course Title	FSU Cr. Hrs.	JC Equiv.	JC Course Title	JC Cr. Hrs.
CHEM 121	Introduction to Chemistry	5	No Equivalent	No Equivalent	No Equivalent
CHEM 214	Fundamentals of Organic Chemistry	4	No Equivalent	No Equivalent	No Equivalent

**One Secondary Education Subject Area Minor Required. It may not be the same as the Secondary Education Major.**

(Requires Declaration) Must be 24 credits or more.

The current secondary education minor choices are: Chemistry, English, Geography, History, Mathematics, Physical Education, Political Sciences, and Speech Communication.

**Professional Sequence – 37 Credits Required****Level 1 Courses – 10 Credits**

FSU Course	FSU Course Title	FSU Cr. Hrs.	JC Equiv.	JC Course Title	JC Cr. Hrs.
EDUC 101	Introduction to the Professional of Teaching	1	No Equivalent	No Equivalent	No Equivalent
EDUC 251	Life Span of Human Growth and Development	3	No Equivalent	No Equivalent	No Equivalent
EDUC 289	Principles of Teaching and Learning	3	No Equivalent	No Equivalent	No Equivalent
EDUC 303	School, Work, and Society	3	EDU 221	Exploring Teaching	3

Notes: Prior to enrolling in any Level 2 courses, all students must meet MDE requirements, currently CAEP (see advisor for options). Complete all Level 1 courses with a minimum of 2.5 GPA with no grade lower than a C, have a 2.5 cumulative GPA, and complete a level 2 application. Students may not repeat any education course more than once. You may not have more than two repeats in Level 1 courses.

**Level 2 Courses- 15 Credits**

FSU Course	FSU Course Title	FSU Cr. Hrs.	JC Equiv.	JC Course Title	JC Cr. Hrs.
EDUC 338	Secondary General Methods I	4	No Equivalent	No Equivalent	No Equivalent
EDUC 415	Teaching Strategies for Special Education and Diverse Population	3	No Equivalent	No Equivalent	No Equivalent

Notes: Prior to entering the 80 hours pre-student teaching, students must meet MDE requirements, currently CAEP (see advisor for options.) Students may not repeat any education course more than once

**Ferris State University and Jackson College – Secondary Education - Biology Education - Transfer Guide**

Effective Fall 2019

Ferris State University is an equal opportunity institution. For information on the University's Policy on Non-Discrimination, visit [ferris.edu/non-discrimination](http://ferris.edu/non-discrimination).

**Level 2 Courses- 15 Credits (cont'd.)**

FSU Course	FSU Course Title	FSU Cr. Hrs.	JC Equiv.	JC Course Title	JC Cr. Hrs.
EDUC 438	Secondary General Methods II	5	No Equivalent	No Equivalent	No Equivalent
EDUC 443	Teaching Reading/Secondary Areas	3	No Equivalent	No Equivalent	No Equivalent

Notes: Prior to enrolling in Level 3 courses, all students must pass the Michigan test for teacher certification in their subject area. Students may not repeat any education course more than once.

**Level 3 – 12 Credits Required**

FSU Course	FSU Course Title	FSU Cr. Hrs.	JC Equiv.	JC Course Title	JC Cr. Hrs.
EDUC 499	Student Teaching	12	No Equivalent	No Equivalent	No Equivalent

<b>Total Credits Required for Degree</b>					<b>142 - 154</b>
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**Program Contact Information:****Main Campus, Big Rapids****College Education and Human Services**

School of Education | (231) 591-3511 | [School of Education Website](#)

[Transfer Partnerships Website](#)

**Delivery Locations**

This degree and the Ferris courses are offered at the following locations:

- Ferris State University, Big Rapids Campus, Big Rapids, MI
- Select courses may be delivered online and/or in a mixed delivery format (i.e. a mix of online and face-to-face instruction at the Ferris Main Campus or at an off-campus location).

**Advising Notes**

It is recommended that potential applicants meet with an advisor to review the degree, course schedule, and have any questions answered prior to completing an application. Students who are completing the MTA may have different general education course requirements for the particular degree selected. Meeting with a Ferris advisor prior to the selection of general education or elective course work may reduce the chance of completing a course that will not apply toward the selected degree. Once admitted, students must continue to meet with an advisor as they work toward graduation.

**Transfer Student Orientation**

All new students to Ferris State University are required to complete an orientation.

**Reverse Transfer Agreement**

The Community College and Ferris have entered into a partnership in order to work collaboratively and creatively to increase student completion of associate and bachelor degrees. The partners work together to provide a seamless transfer experience and increase student retention and completion at both the community college and Ferris.

**Michigan Transfer Agreement (MTA)**

Ferris participates in the Michigan Transfer Agreement (MTA). This agreement will facilitate the transfer of general education requirements from one Michigan institution to another. Students may complete the MTA as part of a degree program or as a stand-alone package. The MTA consists of a minimum of 30 general education credit hours as identified by the college or university.

Students transferring to Ferris with the Michigan Transfer Agreement (MTA) and entering a degree program will have met a 30-hour block of lower-level general education courses. However, this does not exempt students from completing program specific prerequisites or higher-level general education course requirements. Students should contact their advisor regarding classes that meet the MTA.

Students must work with their Ferris advisor to declare a Minor or Concentration and for selection of Directed Electives.

**Disclaimer**

This is a guide for students who plan to transfer to Ferris State University. This guide is not intended to be a contract with Ferris. The information on this guide is subject to change. Students should contact their community college or Ferris to keep informed of changes. Final responsibility for verifying all transfer information lies with the student. Please refer to effective and/or revised date on the bottom of this guide.