

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 all classes at Grand Rapids Community 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) pass the Basic Skills Exam Law (SAT), (2) pass the MTTC in the subject areas of their major and minor, and (3) pass the Student Teaching and the Professional Seminar with a grade of "B-" or better. It is encouraged students take the Subject Matter Exams in their subject area minors [after finishing respective minor(s) and prior to Student Teaching] in order to be able to teach grades 6-8. It is recommended that the Basic Skills Exam Law (SAT) be completed following completion of English 1 and 2, and Intermediate Algebra. 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 ending activity of the B.S., Secondary Program. It is 15/16 weeks in length and requires completion of all courses and GPAs for all sections of the degree program, along with completion of the MTTC subject matter exams. More information about student teaching can be obtained by contacting Student Teacher Placement Coordinator, Debra Warwick, 1349 Cramer Circle, BIS 403A, Big Rapids, MI 49307.

Additional Requirements

Various policies are in place to ensure the success of our students. All students must take the Basic Skills Exam Law (SAT) prior to starting their Level II/III courses. All students must pass all three sections of the Basic Skills Exam Law (SAT) prior to taking EDUC 438. 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.	BC Equiv.	BC Course Title	BC Cr. Hrs.
COMM 105 or COMM 121	Interpersonal Communication or Fundamentals of Public Speaking	3	COMM 103 or COMM 103H or COMM 104	Interpersonal Communication or Public Speaking	3
ENGL 150	English 1	3	ENGL 101 or ENGL 101H	Rhetoric & Composition or Rhetoric & Composition-Honors	3
ENGL 250	English 2	3	ENGL 102	Research Writing	3
ENGL 321	Advanced Composition	3	No Equivalent	No Equivalent	No Equivalent

Quantitative Literacy Requirements

FSU Course	FSU Course Title	FSU Cr. Hrs.	BC Equiv.	BC Course Title	BC Cr. Hrs.
MATH 115	Intermediate Algebra	3	MATH 105	Intermediate Algebra	4

Natural Sciences Competency Requirements - 1 course with lab

FSU Course	FSU Course Title	FSU Cr. Hrs.	BC Equiv.	BC Course Title	BC 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.	BC Equiv.	BC Course Title	BC 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.	BC Equiv.	BC Course Title	BC 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.	BC Equiv.	BC Course Title	BC Cr. Hrs.
BIOL 121	General Biology 1	4	BIOL 110	Evolution and Diversity	4
BIOL 122	General Biology 2	4	BIOL 112	Cells and Molecules	4
BIOL 205	Human Anatomy and Physiology	5	BIOL 213	Anatomy and Physiology 1	5
BIOL 218	Microbial Ecology	3	BIOL 227	Environmental Microbiology	2
BIOL 330	Zoology	4	No Equivalent	No Equivalent	No Equivalent
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	BIOL 225	Genetics	3
BIOL 442 or BIOL 346	Ecology or Ecological Assessment	3	BIOL 270 or No Equivalent	Ecology or No Equivalent	3 or No Equivalent
BIOL 453	Plant Physiology	4	No Equivalent	No Equivalent	No Equivalent
PHYS 450	Science Laboratory	3			

Supporting Sciences – 9 Credits Required

FSU Course	FSU Course Title	FSU Cr. Hrs.	BC Equiv.	BC Course Title	BC Cr. Hrs.
CHEM 121	Introduction to Chemistry	5	CHEM 110	General Chemistry 1	5
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, Spanish, and Speech Communication.

Professional Sequence – 37 Credits Required**Level 1 Courses – 7 Credits**

FSU Course	FSU Course Title	FSU Cr. Hrs.	BC Equiv.	BC Course Title	BC 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	EDUC 202	Educational Psychology	3

Notes: Prior to enrolling in any Level II courses, all students must take the SAT at least once. Complete all Level I 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 II application. Students may not repeat any education course more than once. You may not have more than two repeats in Level I courses.

Level 2 Courses- 18 Credits

FSU Course	FSU Course Title	FSU Cr. Hrs.	BC Equiv.	BC Course Title	BC Cr. Hrs.
EDUC 303	School, Work, and Society	3	No Equivalent	No Equivalent	No Equivalent
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 pass all sections of the SAT. Students must pass the SAT with a reading/writing score of 480, and a math score of 530. Students may not repeat any education course more than once.

Ferris State University and Bay 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.

Level 2 Courses- 18 Credits (cont'd.)

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

Total Credits Required for Degree					142 - 154
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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).

General Admission Criteria**New Students**

- 2.5 high school GPA (on a 4.0 scale)
- 17 ACT or 900 SAT

Transfer Students

- 2.0 cumulative GPA

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.

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.