

## Mathematics & Secondary Education (B.S.)

Available at FHSU:

✓ On-Campus

### Barton Community College

Associate of Science (*Secondary Education Emphasis*)

General Education Courses:

	<u>semester</u>	<u>credits</u>
<input type="checkbox"/> English Composition I*	_____	3
<input type="checkbox"/> English Composition II*	_____	3
<input type="checkbox"/> Public Speaking*	_____	3
<input type="checkbox"/> College Algebra*	_____	3
<input type="checkbox"/> Computer Concepts & Applications*	_____	3
<input type="checkbox"/> Developmental Psychology*	_____	3
<input type="checkbox"/> Engineering Physics I w/ Lab	_____	5
<input type="checkbox"/> Natural Science Elective w/ Lab:^	_____	5
_____	_____	5
<input type="checkbox"/> Social & Behavioral Science Elective:^	_____	3
_____	_____	3
<input type="checkbox"/> Humanities Electives:^	_____	3
_____	_____	3
<input type="checkbox"/> Physical Education/Health/Performance Elective(s):	_____	2
_____	_____	2

Program Courses:

<input type="checkbox"/> Foundations of Modern Education*	_____	3
<input type="checkbox"/> Education Field Experience*	_____	2
<input type="checkbox"/> Introduction to Instructional Technology*	_____	3
<input type="checkbox"/> Analytic Geometry/Calculus I	_____	5
<input type="checkbox"/> Analytic Geometry/Calculus II	_____	5
<input type="checkbox"/> Analytic Geometry/Calculus III	_____	3
<input type="checkbox"/> Elements of Statistics*	_____	3
<input type="checkbox"/> <u>OR</u> Business & Economics Statistics I*		
<input type="checkbox"/> Emphasis Elective:	_____	1-3
_____	_____	1-3

Total Credit Hours: **64**

^Electives must meet the [Transfer & Articulation Agreement](#) requirements.

\*Grade of C or higher is required.

### Fort Hays State University

Bachelor of Science (*double major: Math & Secondary Education*)

General Education Courses:

	<u>semester</u>	<u>credits</u>
<input type="checkbox"/> Diversity in the US*	_____	3
<input type="checkbox"/> Humanities Elective:^	_____	3
_____	_____	3
<input type="checkbox"/> Social & Behavioral Elective:^	_____	3
_____	_____	3
<input type="checkbox"/> Upper Division Integrative Course Elective:^	_____	3
_____	_____	3
<input type="checkbox"/> Natural Science or Physical Science Electives:	_____	3
_____	_____	3
_____	_____	3
_____	_____	1

Mathematics Major Courses:

<input type="checkbox"/> Computer Science I	_____	3
<input type="checkbox"/> Linear Algebra	_____	3
<input type="checkbox"/> Apprenticeship – Mathematics	_____	2
<input type="checkbox"/> Introduction to Proof	_____	3
<input type="checkbox"/> Mathematical Statistics	_____	3
<input type="checkbox"/> History of Mathematics	_____	3
<input type="checkbox"/> Teaching of Secondary School Mathematics	_____	3
<input type="checkbox"/> Higher Algebra	_____	3
<input type="checkbox"/> Modern Geometry	_____	3
<input type="checkbox"/> Seminar in Mathematics	_____	1
<input type="checkbox"/> Mathematics Elective:	_____	3
3 hours must be upper division (300+)		
_____	_____	3

Secondary Education Major Courses:

<input type="checkbox"/> Educating Exceptional Students*	_____	3
<input type="checkbox"/> Educational Psychology**	_____	3
<input type="checkbox"/> The Secondary School Experience**	_____	4
<input type="checkbox"/> Student Teaching*°	_____	12

Total Credit Hours: **71**

^Electives must meet the [Transfer & Articulation Agreement](#) requirements.

\*Grade of C or higher is required.

\*\*Admittance to Teacher Education required to enroll.

°Admittance to Student Teaching required to enroll.

**Total Credit Hours Taken: 135**

Last Updated on 6/21/2018



**FORT HAYS STATE  
 UNIVERSITY**

*Forward thinking. World ready.*

**Department of Mathematics**  
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 785.628.4240 | [bunruh@fhsu.edu](mailto:bunruh@fhsu.edu)  
[www.fhsu.edu/macs](http://www.fhsu.edu/macs)

## Mathematics & Secondary Education (B.S.)

Program Information  
& FHSU Policies

### Transfer Guide

**Barton Community College** and **Fort Hays State University** have partnered to offer this Transfer Guide for students wishing to pursue Mathematics Education. Students are encouraged to work with their advisor to ensure a smooth transition to FHSU. Completion of this degree prepares students to seek Kansas teaching licensure in Mathematics at the middle school or high school level.

Students are required to successfully finish the curriculum listed on this guide and to meet any college, university, and/or state requirements for degree completion. Program degree requirements are subject to changes on the basis of program improvement and to meet state licensure requirements. All students must adhere to the following guidelines:

- ❖ If transition to FHSU occurs before 45 hours are complete, the student may be subject to additional course requirements.
- ❖ 60 credit hours with a passing grade must be earned from a regionally accredited baccalaureate degree-granting institution.
- ❖ 30 credit hours with a passing grade for a bachelor's degree must be earned from Fort Hays State University. Pass/No credit or Credit (CR) does not count towards the 30 semester hours.
- ❖ 45 credit hours in upper-division courses numbered 300 and above are required for graduation.
- ❖ Completion of at least 120 hours of credit with a passing grade.
- ❖ Minimum grade point average of 2.00 for the cumulative GPA and for all courses in the major, unless the department specifies a higher GPA (such as Allied Health, Nursing, Social Work, and Teacher Education).

### Admission Procedures

Prior to enrolling at FHSU, students should apply for admission to FHSU as well as admission to the Teacher Education Program. Admission to Teacher Education is a pre-requisite for restricted upper division major courses and field work. Please review the links below for information on the admission requirements and the applications for admission.

FHSU Admissions:

- ❖ Admission Requirements, [www.fhsu.edu/transfer/admission/](http://www.fhsu.edu/transfer/admission/)
- ❖ Admission Application, [www.fhsu.edu/admissions/admissions-application/](http://www.fhsu.edu/admissions/admissions-application/)
- ❖ Transfer Student Information, [www.fhsu.edu/transfer/](http://www.fhsu.edu/transfer/)
- ❖ Transfer Scholarships & Financial Aid, [www.fhsu.edu/transfer/financial-aid/](http://www.fhsu.edu/transfer/financial-aid/)

Teacher Education Admissions:

- ❖ Admission Requirements, [www.fhsu.edu/teachereducation/student-resources/#admission/](http://www.fhsu.edu/teachereducation/student-resources/#admission/)
- ❖ Admission Application, [www.fhsu.edu/cert/form/](http://www.fhsu.edu/cert/form/)

### Helpful Links

#### Barton Community College

Admissions, <https://bartonccc.edu/admission/>

Financial Aid, <https://bartonccc.edu/financialaid/>

Request Info, <https://bartonccc.edu/admission/requestinfo/>

#### Fort Hays State University

Admissions, [www.fhsu.edu/admissions/](http://www.fhsu.edu/admissions/)

Financial Aid, [www.fhsu.edu/finaid/](http://www.fhsu.edu/finaid/)

Dept. of Mathematics, [www.fhsu.edu/mac/s/](http://www.fhsu.edu/mac/s/)

**Notice of Non-Discrimination:** Fort Hays State University does not discriminate on the basis of gender, race, religion, national origin, color, age, marital status, sexual orientation, disability or veteran status in its educational programs, employment and all other activities. In addition, the university does not discriminate on the basis of a person's genetic information. FHSU is committed to an environment in which students, faculty, administrators, and staff work together in an atmosphere free from all forms of discrimination, harassment, exploitation and intimidation, including, but not limited to, verbal, physical, or written behavior directed toward or relating to an individual or group on the basis of their protected class status. Individuals who believe they have been discriminated against or harassed on the basis of their protected class status or are victims of sexual harassment should report such acts to the university Compliance Officer who will assist the grievant in seeking redress through the appropriate procedure. The Compliance Officer may be contacted at 600 Park Street, Hays, KS 67601, (785) 628-4033.



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