

# GEOSCIENCES | BACHELOR OF SCIENCE: CRIMINALISTICS (CRIME MAPPING & SPATIAL ANALYSIS)

The Bachelor of Science: Criminalistics program is an interdisciplinary degree housed in the Criminal Justice program (<https://catalog.fhsu.edu/arts-humanities-social-sciences/criminal-justice-leadership-sociology/>), with concentration options available in Chemistry, Biology, or Geosciences.

## Program Summary

Code	Title	Hours
<b>General Education</b> <sup>2</sup>		<b>34</b>
<b>Criminalistics Core</b>		
Required Courses		34
Directed Choices		13
<b>Crime Mapping &amp; Spatial Analysis Concentration</b>		<b>30</b>
Open Electives <sup>1</sup>		9
<b>Total Hours</b>		<b>120</b>

<sup>1</sup> Open electives are the credit hours required to reach a minimum of 120 total hours and 45 upper-level hours. The number listed assumes all courses are completed at FHSU as listed. This number may vary if students transfer courses, or have individual substitutions allowed.

Students should speak with their advisor if either situation applies to determine if the number will vary, and to ensure they enroll in a minimum of 45 upper-level hours.

Students entering within 1 year of high school graduation will take UNIV 101 Freshman Seminar and may apply that hour in the open elective category.

<sup>2</sup> In order to complete the degree program efficiently, students who have not already fulfilled their General Education - Natural & Physical Sciences requirement may wish to take CHEM 120/CHEM 122L, as it is also a major requirement.

## Program Requirements

### General Education

All undergraduate degrees require completion of the Kansas Systemwide General Education (<https://catalog.fhsu.edu/general-education/>).

Courses identified with <sup>GE</sup> on this page may satisfy a general education requirement in addition to the identified degree requirement. Students who apply a degree requirement to satisfy a general education requirement will typically add an equal number of hours to the the university elective category. This flexibility may allow you to complete a minor or certificate within the 120 hour degree. Transfer students and students majoring in programs with approved exceptions (<https://www.fhsu.edu/general-education/documents/fhsu-gen-ed-transfer-exceptions-explainer1.pdf>) are especially encouraged to select these

courses in completing General Education requirements to maximize the likelihood of completing the degree with 120 credit hours.

Code	Title	Hours
<b>General Education</b>		<b>34-35</b>
<b>Criminalistics Core</b>		
<b>Required Courses</b>		
CHEM 120 & 120L	University Chemistry I and University Chemistry Laboratory I <sup>GE</sup>	5
CHEM 122 & 122L	University Chemistry II and University Chemistry Laboratory II	5
CHEM 382	Introduction to Forensic Science	3
CRJ 200	Criminology	3
CRJ 210	Introduction to Criminalistics <sup>DC</sup>	3
CRJ 245	Ethics in Criminal Justice	3
CRJ 307	Administration of Justice Systems	3
CRJ 331	Criminal Law and Procedure	3
CRJ 355	Criminal Investigation	3
CRJ 395	Crime Analysis	3
<b>Total Hours</b>		<b>34</b>

<sup>DC</sup>Course is under development. Discuss your degree map with an advisor to determine if a substitution is needed.

### Directed Choice

Code	Title	Hours
CHEM 304 & 304L	Essentials of Organic Chemistry and Essentials of Organic Chemistry Laboratory	5
or CHEM 340 & 340L	Organic Chemistry and Organic Chemistry Laboratory I	
CHEM 360 & 360L	Essentials of Biochemistry and Essentials of Biochemistry Laboratory	5
or CHEM 662 & 662L	Biochemistry I and Biochemistry Laboratory I	
CRJ 499	Capstone Seminar: Critical Issues in Criminal Justice	3
or CRJ 600	Internship in Criminal Justice	
<b>Total Hours</b>		<b>13</b>

### Crime Mapping & Spatial Analysis Concentration

Code	Title	Hours
<b>Required Courses</b>		
CRJ 275 - Course is under development. <sup>DC</sup>		3
CRJ 377	Crime and Society	3
GSCI 240	Introduction to Geographic Information Systems (GIS)	3
GSCI 290	Cartography: Theory and Applications	3
GSCI 330	Remote Sensing Concepts	3
GSCI 360	Intermediate Geographic Information Systems	3
GSCI 603	Urban Geography: A Global Perspective	3
GSCI 625	Advanced Geographic Information Systems	3

GSCI 630	Geostatistics and Spatial Data Analysis	3
GSCI 655	Geographic Information Systems Programming	3
SOC 384	Social Problems	3
<b>Total Hours</b>		<b>33</b>

## Degree Requirements

Code	Title	Hours
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**All bachelor degrees require:**

GPA of 2.0 on FHSU courses & 2.0 on all coursework (Higher program requirements prevail over the 2.0 when set)

A minimum of 30 hours earned from FHSU with a grade of D, C, B, or A

Successful completion of an upper division Writing and Information Literacy course (Most majors contain a course designated)

A minimum of 45 hours of recognized upper division credit

A minimum of 120 hours of recognized college credit