

# BS in Forensic Sciences

## Program Requirements

A minimum total of 120 credit hours is required for the BS in forensic science with an overall GPA of 2.000, WSU GPA of 2.000 and program GPA of 2.000. The major consists of 74-76 core credit hours and students will choose between one of two concentrations. In addition to meeting the requirements of the WSU General Education Program (<http://catalog.wichita.edu/undergraduate/academic-information/general-education-program/>) and the requirements of the Fairmount College of Liberal Arts and Sciences, students in the BS in forensic science must complete the distributed coursework as follows:

### Forensic Science with Biology Concentration

Course	Title	Hours
<b>General Education</b>		
Select courses to meet General Education requirements <sup>1</sup>		34-35
<b>College Requirements</b>		
LAS Competencies and Electives - select enough courses to reach 120 credit hours and complete all LAS Competency Areas <sup>1</sup>		11-12
<b>Major Requirements - Biology Concentration</b>		
FS 298	An Introduction to Forensic Science and Crime Scene Investigation	3
FS 453	Forensic Serology	1
FS 454	Fingerprint Development and Analysis	1
FS 499	Seminar in Forensic Sciences Techniques II	3
ANTH 101	Biological Anthropology	3
ANTH 106	Biological Anthropology Lab	1
ANTH 557	Human Osteology	3
ANTH 600	Forensic Anthropology	3
BIOL 210	General Biology I	4
BIOL 210L	General Biology I Lab	0
BIOL 211	General Biology II	4
BIOL 211L	General Biology II Lab	0
BIOL 223	Human Anatomy and Physiology	5
BIOL 223L	Human Anatomy/Physio Lab	0
BIOL 330	General Microbiology	5
BIOL 330L	General Microbiology Lab	0
BIOL 419	Genetics	4
BIOL 419L	Genetics Lab	0
BIOL 420	Molecular Cell Biology	4
BIOL 420L	Molecular Cell Biology Lab	0
CHEM 211	General Chemistry I	5
CHEM 211L	General Chemistry I Lab	0
CHEM 212	General Chemistry II	5
CHEM 212L	General Chemistry II Lab	0
CHEM 523	Analytical Chemistry	4
CHEM 523L	Analytical Chemistry Lab	0
CHEM 524	Instrumental Methods of Chemical Analysis	4
CHEM 524L	Instr Meths Chem Analy Lab	0
CJ 191	Introduction to Criminal Justice	3
CJ 315	Criminal Law	3
CJ 420	Criminal Evidence: Mock Trials	3
STAT 370	Elementary Statistics	3
<b>Total Credit Hours</b>		<b>120</b>

<sup>1</sup> Required major courses may also count towards General Education and/or LAS Competencies. Students will need to select additional electives to reach 120 credit hours required for graduation with assistance from an advisor.

### Forensic Science with Chemistry Concentration

Course	Title	Hours
<b>General Education</b>		
Select courses to meet General Education requirements <sup>1</sup>		34-35
<b>College Requirements</b>		
LAS Competencies and Electives - select enough courses to reach 120 credit hours and complete all LAS Competency Areas		9-10
<b>Major Requirements - Chemistry Concentration</b>		
FS 298	An Introduction to Forensic Science and Crime Scene Investigation	3
FS 450	Forensic Identification of Marijuana	1
FS 451	Forensic Identification of Narcotics and Other Illicit Substances	1
FS 452	Forensic Toxicology Alcohol	1
FS 455	Forensic Arson Analysis	1
FS 499	Seminar in Forensic Sciences Techniques II	3
ANTH 101	Biological Anthropology	3
ANTH 106	Biological Anthropology Lab	1
ANTH 557	Human Osteology	3
ANTH 600	Forensic Anthropology	3
BIOL 210	General Biology I	4
BIOL 210L	General Biology I Lab	0
BIOL 211	General Biology II	4
BIOL 211L	General Biology II Lab	0
BIOL 223	Human Anatomy and Physiology	5
BIOL 223L	Human Anatomy/Physio Lab	0
CHEM 211	General Chemistry I	5
CHEM 211L	General Chemistry I Lab	0
CHEM 212	General Chemistry II	5
CHEM 212L	General Chemistry II Lab	0
CHEM 523	Analytical Chemistry	4
CHEM 523L	Analytical Chemistry Lab	0
CHEM 524	Instrumental Methods of Chemical Analysis	4
CHEM 524L	Instr Meths Chem Analy Lab	0
CHEM 531	Organic Chemistry I	5
CHEM 531L	Organic Chemistry I Lab	0
CHEM 532	Organic Chemistry II	5
CHEM 532L	Organic Chemistry II Lab	0
CHEM 661	Principles of Biochemistry	3
CJ 191	Introduction to Criminal Justice	3
CJ 315	Criminal Law	3
CJ 420	Criminal Evidence: Mock Trials	3
STAT 370	Elementary Statistics	3
<b>Total Credit Hours</b>		<b>120</b>

<sup>1</sup> Required major courses may also count towards General Education and/or LAS Competencies. Students will need to select additional

electives to reach 120 credit hours required for graduation with assistance from an advisor.

***Applied Learning***

Students in the BS in forensic sciences program are required to complete an applied learning or research experience to graduate from this program. The requirement can be met by successfully completing FS 499.

The curriculum, which is made up of all core courses in the hard sciences, requires students to participate hands on in labs, classroom experiments, etc., culminating in the Seminar in Forensic Science Techniques II, enabling each major to receive a great deal of experiential learning prior to graduating.