

Forensic Science - Forensic Investigation Emphasis, B.S.

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Requirements

The Forensic Investigation Emphasis within the BS in Forensic Science provides an interdisciplinary program that prepares students for public, state, and federal careers with needed forensic investigation subject matter expertise and analytical skills. This emphasis exposes students to the wide variety of critically important forensic investigation techniques, which are currently practiced within various forensic service providers and law enforcement agencies. Students are exposed to various techniques such as the identification and proper collection of evidence found at crime scenes, accurate crime scene documentation skills, forensic photography, death investigations, fingerprint processing/examinations, impression evidence/examination, bloodstain pattern analysis, crime scene reconstruction, firearms and tool mark evidence/examination. Students acquire skills such as critical thinking, writing, expert testimony, and analysis techniques specifically tailored for forensic investigation fieldwork. This emphasis provides students with the overall professional skills, work ethic, and demeanor required of forensic investigators.

Total Program Credits: 125

Matriculation Requirements:		
<ol style="list-style-type: none"> 1. Completion of all general education courses. 2. Completion of all lower division CJ courses with a B- grade or higher. 3. Completion of MATH 1080 (or MATH 1050 and MATH 1060), BIOL 1610, BIOL 1615, CHEM 1210, CHEM 1215, CHEM 1220, 1225, PHYS 2010, PHYS 2015 with aB- grade or higher. 4. Overall GPA of 2.7 or higher. 5. Application for admission to BS Forensic Science program. 6. Two academic letters of recommendation 		
General Education Requirements:		40 Credits
	ENGL 1010 Introduction to Academic Writing CC	3
or	ENGL 1005 Literacies and Composition Across Contexts CC (5.0)	
	ENGL 2010 Intermediate Academic Writing CC	3
Complete one of the following:		5
	MATH 1080 Precalculus QL (MATH 1050 or MATH 1060 will also fulfill this requirement) ¹	
Complete one of the following:		3
	HIST 1700 American Civilization AS (3.0)	
	HIST 1740 US Economic History AS (3.0)	
	HIST 2700 US History to 1877 AS (3.0)	
and	HIST 2710 US History since 1877 AS (3.0)	
	POLS 1000 American Heritage SS (3.0)	
	POLS 1100 American National Government AS (3.0)	
Complete the following:		
	PHIL 205G Ethics and Values IH GI	3
	HLTH 1100 Personal Health and Wellness TE (2.0)	
or	EXSC 1097 Fitness for Life TE	2
Distribution Courses:		

BIOL 1610	College Biology I BB	4
CHEM 1210	Principles of Chemistry I PP	4
PHYS 2010	College Physics I PP	3
CJ 1010	Introduction to Criminal Justice SS	3
Humanities Distribution ¹		3
Fine Arts Distribution ²		3
Discipline Core Requirements:		34 Credits
Forensic Science Foundational Courses:		
CJ 1330	Criminal Law	3
CJ 1350	Introduction to Forensic Science	3
CJ 2350	Laws of Evidence	3
BIOL 1615	College Biology I Laboratory	1
CHEM 1215	Principles of Chemistry I Laboratory	1
CHEM 1220	Principles of Chemistry II PP	4
CHEM 1225	Principles of Chemistry II Laboratory	1
PHYS 2015	College Physics I Lab	1
PHYS 2020	College Physics II PP	4
PHYS 2025	College Physics II Lab	1
FSCI 3400	Criminalistics	3
FSCI 3820	Crime Scene Investigation Techniques I WE	3
FSCI 3860	Forensic Microscopy	3
FSCI 3880	Forensic Experts/Professional Practices and the Legal System	3
Emphasis Requirements:		51 Credits
Complete one of the Following:		3
ZOOL 1090	Introduction to Human Anatomy and Physiology BB	
or	ZOOL 2320 Human Anatomy BB	
and	ZOOL 2325 Human Anatomy Laboratory (4.0)	
Complete the Following:		
CJ 1340	Criminal Investigations	3
FSCI 3300	Forensic Photography	3
FSCI 3700	Fingerprint Processing	3
FSCI 3720	Fingerprint Examination	3
FSCI 3780	Bloodstain Pattern Analysis	3
FSCI 3830	Crime Scene Investigation Techniques II WE	3
FSCI 4100	Forensic Pathology	3
FSCI 4200	Medicolegal Death Investigations	3
Complete one of the following as a Capstone Experience:		3
FSCI 481R	Forensic Science Internship	
FSCI 489R	Research in Forensic Investigations	
FSCI 4990	Forensic Investigation Capstone	
FSCI 491R	Directed Reading and Special Projects	
Emphasis Electives:		21 Credits

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Complete 21 Credits from the Following (two course must be upper division):		21
FSCI 3500	Footwear and Tire Mark Evidence and Examination (3.0)	
FSCI 3540	Forensic Trace Analysis I (3.0)	
FSCI 3550	Forensic Trace Analysis II (3.0)	
FSCI 3600	Forensic Anthropology I (3.0)	
FSCI 3850	Marijuana Identification Certificate (3.0)	
FSCI 4000	Firearms Examination (3.0)	
FSCI 4050	Forensic Approaches to Cold Case Investigation (3.0)	
FSCI 4300	Forensic Genealogy (3.0)	
FSCI 4320	Genealogy Research Methods and Standards (3)	
FSCI 4350	Forensic Genealogy Seminar (3)	
FSCI 475R	Current Topics in Forensic Science (3.0)	
FSCI 491R	Directed Reading and Special Projects (1.0-9.0)	
CHEM 2310	Organic Chemistry I (4.0)	
CHEM 2315	Organic Chemistry I Laboratory (1.0)	
CHEM 2320	Organic Chemistry II (4.0)	
CHEM 2325	Organic Chemistry II Laboratory (1.0)	
CHEM 3600	Biological Chemistry (3.0)	
CHEM 3000	Analytical Chemistry (2.0)	
BIOL 3550	Molecular Biology (3)	
BIOL 3555	Experiments in Molecular Biology	
CHEM 3005	Analytical Chemistry Laboratory (2.0)	
CHEM 3605	Biological Chemistry Lab (1.0)	
CHEM 4000	Instrumental Analysis WE (2.0)	
CHEM 4005	Instrumental Analysis Laboratory (2.0)	
ENGL 3300	Collaborative Communication for Technology Professions (3.0)	
CJ 470G	Comparative Criminal Justice Systems GI (3.0)	
Any Upper Division CJ Course or Approved Elective		
Notes:		
¹ COMM 1020 Public Speaking Recommended		
² ART 1050 Photography I Recommended		

Graduation Requirements:

1. Completion of a minimum of 125 or more semester credits 40 credits of which must be upper division.
2. A minimum grade of B- or higher is required in all Math, Chemistry, Biology, Physics, and FSCI Courses with an overall GPA of 3.0 to graduate.
3. Residency hours: minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
4. Completion of GE and specified departmental requirements.
5. Successful completion of at least one Global/Intercultural course.
6. Successful completion of at least two Writing Enriched courses.

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Graduation Plan

This graduation plan is a sample plan and is intended to be a guide. Your specific plan may differ based on your Math and English placement and/or transfer credits applied. You are encouraged to meet with an advisor and set up an individualized graduation plan in [Wolverine Track](#).

Semester 1	Course Title	Credit Hours
ENGL 1010 or ENGH 1005	Introduction to Academic Writing CC or Literacies and Composition Across Contexts CC	3
American Institutions Course		3
CJ 1010	Introduction to Criminal Justice SS	3
CJ 1350	Introduction to Forensic Science	3
COMM 1020	Public Speaking HH (Recommended)	3
Semester total:		15
Semester 2	Course Title	Credit Hours
ENGL 2010	Intermediate Academic Writing CC	3
MATH 1080	Precalculus QL	5
CJ 1330	Criminal Law	3
BIOL 1610 & BIOL 1615	College Biology I BB and Laboratory	5
Semester total:		16
Semester 3	Course Title	Credit Hours
ART 1050	Photography I FF (Recommended)	3
HLTH 1100	Personal Health and Wellness TE	2
CHEM 1210 & CHEM 1215	Principles of Chemistry I PP and Laboratory	5
ZOOL 1090	Introduction to Human Anatomy and Physiology BB	3
CJ 1340	Criminal Investigations	3
Semester total:		16
Semester 4	Course Title	Credit Hours
CJ 2350	Laws of Evidence	3
CHEM 1220 & CHEM 1225	Principles of Chemistry II PP and Laboratory	5
PHYS 2010	College Physics I PP	4
PHYS 2015	College Physics I Lab	1
PHIL 205G	Ethics and Values IH GI	3
Semester total:		16
Semester 5	Course Title	Credit Hours
FSCI 3300	Forensic Photography	3
FSCI 3780	Bloodstain Pattern Analysis	3
PHYS 2020	College Physics II PP	4
PHYS 2025	College Physics II Lab	1
FSCI Elective		3

	Semester total:	14
Semester 6	Course Title	Credit Hours
FSCI 3820	Crime Scene Investigation Techniques I WE	3
FSCI 3700	Fingerprint Processing	3
FSCI 3400	Criminalistics	3
FSCI Elective		3
	Semester total:	12
Semester 7	Course Title	Credit Hours
FSCI 3720	Fingerprint Examination	3
FSCI Elective		3
FSCI Elective		3
FSCI Elective		3
	Semester total:	14
Semester 8	Course Title	Credit Hours
FSCI 3830	Crime Scene Investigation Techniques II WE	5
FSCI 4100	Forensic Pathology	3
FSCI Elective or Capstone Experience		3
FSCI Elective		3
	Semester total:	12
Semester 9	Course Title	Credit Hours
FSCI 3860	Forensic Microscopy	3
FSCI 3880	Forensic Experts/Professional Practices and the Legal System	3
FSCI 4200	Medicolegal Death Investigations	3
FSCI Elective or Capstone Experience		3
	Semester total:	12
	Degree total:	125