

Forensic Science - Forensic Laboratory Emphasis, B.S.

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Requirements

The Forensic Laboratory Emphasis within the BS in Forensic Science will provide students with a comprehensive science-based undergraduate education, which enables students to enter into a forensic science career. This emphasis will provide the necessary technical and theoretical knowledge, skills, and abilities of modern forensic techniques. Students will employ the theoretical and practical principles of chemistry, biology, physics, and mathematics in order to perform forensic science work commonly conducted within a crime laboratory. Science-based study and application of these principles will expose students to a stimulating academic environment conducive to scholarly inquiry. Students will gain the knowledge and ability for research-based projects and for potential improvement of the forensic community. Throughout this program, students will utilize effective written and oral communication skills required of forensic experts, as well as demonstrate work ethic, professional demeanor, reliability, and proper interpersonal skills.

Total Program Credits: 126

General Education Requirements:		39 Credits
	ENGL 1010 Introduction to Academic Writing	3
or	ENGL 1005 Literacies and Composition Across Contexts (5.0)	
	ENGL 2010 Intermediate Writing/Academic Writing and Research	3
Complete one of the following:		4
	MATH 1050 College Algebra (recommended for Business, Education, Science, and Health Professions majors) (4.0)	
	MATH 1055 College Algebra with Preliminaries (5.0)	
Complete one of the following:		3
	HIST 1700 American Civilization (3.0)	
	HIST 2700 US History to 1877 (3.0)	
and	HIST 2710 US History since 1877 (3.0)	
	HIST 1740 US Economic History (3.0)	
	POLS 1000 American Heritage (3.0)	
	POLS 1100 American National Government (3.0)	
Complete the following:		
	PHIL 2050 Ethics and Values	3
	HLTH 1100 Personal Health and Wellness (2.0)	
or	PES 1097 Fitness for Life	2
Distribution Courses:		
	BIOL 1610 College Biology I	4
	CHEM 1210 Principles of Chemistry I	4
	CHEM 1220 Principles of Chemistry II	4
	COMM 1020 Public Speaking (recommended for Humanities Distribution)	2
and	COMM 1020 Public Speaking Lab (recommended for Humanities Distribution)	1

ART 1050	Photography I (recommended for Fine Arts Distribution)	3
CJ 1010	Introduction to Criminal Justice	3
Discipline Core Requirements:		40 Credits
Forensic Science Foundational Courses:		
CJ 1330	Criminal Law	3
CJ 1340	Criminal Investigations	3
CJ 1350	Introduction to Forensic Science	3
CJ 2350	Laws of Evidence	3
FSCI 3400	Criminalistics	3
FSCI 3880	Expert Witness Professional Practices	3
BIOL 1615	College Biology I Laboratory	1
CHEM 1215	Principles of Chemistry I Laboratory	1
CHEM 1225	Principles of Chemistry II Laboratory	1
PHYS 2010	College Physics I	4
PHYS 2015	College Physics I Lab	1
PHYS 2020	College Physics II	4
PHYS 2025	College Physics II Lab	1
FSCI 3700	Fingerprint Processing	3
FSCI 3820	Crime Scene Investigation Techniques I WE	3
FSCI 3860	Forensic Microscopy	3
Emphasis Requirements:		33 Credits
MATH 1060	Trigonometry	3
MATH 1210	Calculus I	5
STAT 2040	Principles of Statistics	4
CHEM 2310	Organic Chemistry I	4
CHEM 2315	Organic Chemistry I Laboratory	1
CHEM 2320	Organic Chemistry II	4
CHEM 2325	Organic Chemistry II Laboratory	1
CHEM 3000	Analytical Chemistry	2
CHEM 3005	Analytical Chemistry Laboratory	2
CHEM 4000	Instrumental Analysis WE	2
CHEM 4005	Instrumental Analysis Laboratory	2
FSCI 3540	Forensic Trace Analysis I	3
Emphasis Electives:		14 Credits
Complete 14 credits from the following		14
FSCI 3300	Forensic Photography (3.0)	
FSCI 3500	Footwear and Tire Mark Evidence and Examination (3.0)	
FSCI 3550	Forensic Trace Analysis II(3.0)	
FSCI 3600	Forensic Anthropology I (3.0)	
FSCI 3720	Fingerprint Examination (3.0)	
FSCI 3780	Bloodstain Pattern Analysis (3.0)	
FSCI 3830	Crime Scene Investigation Techniques II We (3.0)	
FSCI 3850	Marijuana Identification Certificate (3.0)	

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FSCI 4000	Firearms Examination (3.0)	
FSCI 4100	Forensic Pathology (3.0)	
FSCI 4200	Medicolegal Death Investigations (3.0)	
FSCI 443R	Directed Research in Forensic Science (2.0)	
FSCI 475R	Current Topics in Forensic Science (3.0)	
FSCI 481R	Forensic Science Internship (1.0)	
FSCI 491R	Directed Reading and Special Projects (1.0)	
CJ 470G	Comparative Criminal Justice Systems (3.0)	
ENGL 3300	Collaborative Communication for Technology Professions (3.0)	
CHEM 3600	Biological Chemistry (3.0)	
CHEM 3605	Biological Chemistry Lab (1.0)	
Any Upper Division CJ Course		

Graduation Requirements:

1. Completion of a minimum of 126 or more semester credits, 40 credits of which must be upper division.
2. Overall grade point average of 2.0 (C) or above.
3. Must have a grade of C+ or higher in CJ 1350 and FSCI 3400; must have a C- or higher in all other core and elective courses.
4. Residency hours: minimum of 30 credit hours through course attendance at UVU, with at least 10 hours earned in the last 45 hours.
5. Completion of GE and specified departmental requirements.
6. Successful completion of at least one Global/Intercultural course.

Forensic Science - Forensic Laboratory Emphasis, B.S.**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](#).

Milestone courses (pre-requisites for a course in one of the subsequent semesters) are marked in red and italicized.

Semester 1	Course Title	Credit Hours
<i>ENGL 1010 or ENGH 1005</i>	Introduction to Writing OR Literacies and Composition Across Contexts	3
American Institutions 3 credits from Option 1		3
PES 1097 or HLTH 1100	Fitness for Life OR Personal Health and Wellness	2
ART 1050	Photography I	3
<i>CJ 1010</i>	Introduction to Criminal Justice	3
Semester total:		14
Semester 2	Course Title	Credit Hours
ENGL 2010	Intermediate Writing	3
<i>MATH 1050 or MATH 1055</i>	College Algebra OR College Algebra with Preliminaries	4
BIOL 1610 & BIOL 1615	College Biology I and Laboratory	5
<i>CJ 1350</i>	Introduction to Forensic Science	3
Semester total:		15
Semester 3	Course Title	Credit Hours
<i>CHEM 1210 & CHEM 1215</i>	Principles of Chemistry I and Lab	5
COMM 1020 and COMM 1025	Public Speaking and Public Speaking Lab	3
<i>CJ 1330</i>	Criminal Law	3
<i>MATH 1060</i>	Trigonometry	3
Semester total:		14
Semester 4	Course Title	Credit Hours
CHEM 1220 & CHEM 1225	Principles of Chemistry II and Lab	5
MATH 1210	Calculus I	5
PHIL 205G	Ethics and Values	3
CJ 1340	Criminal Investigations	3
Semester total:		16
Semester 5	Course Title	Credit Hours
<i>CHEM 2310 & 2315</i>	Organic Chemistry I and Laboratory	5
FSCI 3400	Criminalistics	3
FSCI 3820	Crime Scene Investigation Techniques I WE	3

CJ 2350	Laws of Evidence	3
Semester total:		14
Semester 6	Course Title	Credit Hours
CHEM 2320 & 2325	Organic Chemistry II and Laboratory	5
STAT 2040	Principles of Statistics	4
FSCI 3700	Fingerprint Processing	3
FSCI Elective	Forensic Science Elective	3
Semester total:		15
Semester 7	Course Title	Credit Hours
<i>PHYS 2010 & PHYS 2015</i>	College Physics I and Lab	5
FSCI 3540	Forensic Trace Analysis I	3
FSCI Elective	Forensic Science Elective	3
FSCI Elective	Forensic Science Elective	3
Semester total:		14
Semester 8	Course Title	Credit Hours
PHYS 2020 & PHYS 2025	College Physics II and Lab	5
CHEM 3000 & 3005	Analytical Chemistry and Laboratory	4
FSCI Elective	Forensic Science Elective	3
FSCI 3860	Forensic Microscopy	3
Semester total:		15
Semester 9	Course Title	Credit Hours
FSCI 3880	Expert Witness Professional Practices	3
FSCI Elective	Forensic Science Elective	2
CHEM 4000	Instrumental Analysis WE	2
CHEM 4005	Instrumental Analysis Lab	2
Semester total:		9
Degree total:		126