

Bachelor of Science with Major in Forensic Science

Required 120 credits (36 of which must be numbered 300 or above, and 30 of which must be from UND) including:

I. Essential Studies Requirements (see University ES listing)

II. Required curriculum

Required curriculum:

Code	Title	Credits
Required Courses		
FS 120	Introduction to the Forensic Sciences	3
FS 345	Forensic Science Seminar	3
FS 346	Analysis of Forensic Evidence	3
FS 400		3
PHIL 250	Ethics in Engineering and Science	3
CJ 201	Introduction to Criminal Justice	3
CJ 342	Criminal Procedure	3
CJ 352	Criminal Investigation	3
BIOL 150	General Biology I	3
BIOL 150L	General Biology I Laboratory	1
BIOL 151	General Biology II	3
BIOL 151L	General Biology II Laboratory	1
CHEM 121	General Chemistry I	3
CHEM 121L	General Chemistry I Laboratory	1
CHEM 122	General Chemistry II	3
CHEM 122L	General Chemistry II Laboratory	1
CHEM 340	Survey of Organic Chemistry <small>CHEM 341 and CHEM 342 may be used to fulfill this requirement with program approval</small>	4
CHEM 340L	Survey of Organic Chemistry Laboratory <small>CHEM 341L and CHEM 342L may be used to fulfill this requirement with program approval</small>	1
PHYS 161 or PHYS 211	Introductory College Physics I College Physics I	4
PHYS 162 or PHYS 212	Introductory College Physics II College Physics II	4
Select one of the following:		
BIOL 470	Biostatistics	3-4
or MATH 321	Applied Statistical Methods	
or SOC 326	Sociological Statistics	
Select one of the following:		
MATH 146	Applied Calculus I	3
or MATH 165	Calculus I	
or MATH 166	Calculus II	
Total Credits		59-60

Concentrations:

Forensic Chemistry

Code	Title	Credits
Required Courses		
CHEM 333	Analytical Chemistry	3
CHEM 333L	Analytical Chemistry Laboratory	1
CHEM 341	Organic Chemistry I	3
CHEM 341L	Organic Chemistry I Laboratory	1

CHEM 342	Organic Chemistry II	3
CHEM 342L	Organic Chemistry II Laboratory	1
CHEM 370	Drug Chemistry and Toxicology	3
CHEM 441	Instrumental Analysis I - Spectroscopy	2
CHEM 442	Instrumental Analysis II - Electrochemistry	2
CHEM 443	Instrumental Analysis III - Chromatography/Mass Spectrometry	2
Total Credits		21

Criminal Investigation

Code	Title	Credits
Required Courses		
FS 347	Firearms and Ballistics	3
FS 348	Bloodstain Pattern Analysis	3
PSYC 362	Psychology and Law	3
CJ 210	Introduction to Policing	3
CJ 220	Introduction to Courts	3
CJ 320	Cybersecurity Law and Investigations	3
CJ 341	Criminal Law	3
Total Credits		21

Forensic Biology

Code	Title	Credits
Required Courses		
BIMD 301	Biochemistry	3
BIOL 315	Genetics	3
BIOL 320	Forensic Biology	3
BIOL 333	Population Biology	3
BIOL 410	Molecular Biology Techniques	4
BIOL 415	Genomics	4
FS 490	Forensic Microbiology	3
Total Credits		23

To graduate with a B.S. in Forensic Science, a student must have a 2.2 cumulative GPA. Every student must fulfill all University, Essential Studies, and Departmental requirements.

Optional supporting courses in related areas include ANTH 439, BIMD 220, BIMD 221, BIOL 336, BIOL 363, and BIOL 432.