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**UNIVERSITY OF NORTH TEXAS
 COLLEGE OF ARTS AND SCIENCES
 REQUIREMENTS FOR THE BACHELOR OF
 SCIENCES (BS) IN BIOLOGY WITH FORENSIC
 SCIENCE ACCREDITED DEGREE**

Forensic Program Director:
 Dr. Teresa Golden
 forensic@unt.edu
 Chemistry, Room 207B
 (940) 369-8458
 http://www.forensic.unt.edu

NOTE: This degree is only for **Biology** majors that have been accepted into the UNT Forensic Science Program.
 Required Minor: Chemistry. The student must see the Program Director and an advisor for their official degree plan.

	credit hours	advanced hours
<u>BIOLOGY</u> (43 hours)		
Principles of Biology I and II (1710/1720 and lab: 1760)	8	
Biology of Microorganisms (2041 and lab 2042).....	4	
Genetics (3451 and lab 3452)	4	4
Cell Biology (3510 and lab 3520).....	4	4
Biomedical Criminalistics (BIOL 3331) and Forensic Microscopy (BIOL 4240)	6	6
Animal Physiology (BIOL 3800 and lab: 4510)	4	4
Biochemistry and Molecular Biology of the Gene (4570) and Forensic Molecular Biology (4590)	6	6
Elementary Biochemistry (BIOC 3621 and lab: 3622).....	4	4
Forensic Science Internship (BIOL 4900)	3	3
<u>MATHEMATICS</u> (7 hours)		
Calculus I (1710)	4	
Elementary Probability and Statistics ¹ (1680) or Probability Models (1780) ¹	3	
NOTE: Without sufficient math competence, student will have to complete MATH 1100, 1650		
<u>PHYSICS</u> (8 hours)		
General or Technical (1410 & 1420 and labs: 1430 & 1440; or higher	8	
<u>CHEMISTRY MINOR</u> (20 hrs)		
General Chemistry (1410, 1420; and labs: 1430, 1440).....	8	
or Honors General Chemistry(1413, 1423; and labs: 1430, 1440)		
Organic Chemistry (2370, 2380; and labs: 3210, 3220).....	8	2
Quantitative Analysis (CHEM 3451 and lab 3452)	4	4
<u>FORENSIC SCIENCE CERTIFICATE COURSES</u> (19 hours + FSAT exam required)		
Biomedical Criminalistics (BIOL 3331) <i>Spring Only</i>	(3)	(3)
Criminal Investigation (CJUS 4360).....	3	3
Forensic Microscopy (BIOL 4240) <i>Fall Only</i>	(3)	(3)
Forensic Chemistry (CHEM 4351) <i>Spring Only</i>	3	3
Instrumental Analysis w/ lab (CHEM 4631/4632) ¹ <i>Spring Only</i>	4	4
Forensic Molecular Biology (BIOL 4590)	(3)	(3)
<u>ADDITIONAL FORENSIC SCIENCE REQUIREMENTS</u> (9 hours)		
Introduction to Criminalistics (CJUS 3330) ¹	3	3
Ethics in Science (PHIL 2600)	(3)	(3)
<u>UNIVERSITY CORE REQUIREMENTS</u> (33 hours)		
<u>ENGLISH COMPOSITION & RHETORIC</u> (ENGL 1310 and TECM 2700).....	6	
<u>CREATIVE ARTS</u> (See D on other side)	3	
<u>LANGUAGE, PHILOSOPHY AND CULTURE</u> (PHIL 2600 Ethics in Science)	3	
<u>UNITED STATES HISTORY</u> (HIST 2610 and 2620)	6	
<u>AMERICAN GOVERNMENT</u> (PSCI 1040 and 1050)	6	
<u>SOCIAL AND BEHAVIORAL SCIENCES</u> (CJUS 2100 Crime and Justice in the U.S.)	3	
<u>CAO Cat I (CHEM 1400 or PHIL 2500)</u>	3	
<u>CAO Cat II (CHEM 4912) or third Science Course</u>	(3)	
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TOTAL hours shown from above.....	<u>121</u>	<u>50</u>

Note: Hours in parenthesis count toward 2 requirements
¹These classes satisfy the Foreign Language Option II for this degree