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UNIVERSITY OF NORTH TEXAS
COLLEGE OF ARTS AND SCIENCES
DEPARTMENT OF BIOLOGICAL SCIENCES
REQUIREMENTS FOR THE BACHELOR OF SCIENCE IN
BIOCHEMISTRY WITH A FORENSIC SCIENCE PROGRAM CERTIFICATION

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

	credit hours	advanced hours
<u>BIOCHEMISTRY</u> (14 hrs)		
Biochemistry I (4540)	3	3
Biochemistry II (4550)	3	3
Biochemistry Laboratory (4560)	2	2
Biochemistry and Molecular Biology of the Gene (4570) and Forensic Molecular Biology (4590).....	6	6
<u>CHEMISTRY</u> (26 hrs)		
General (1410, 1420; and labs: 1430, 1440).....	8	
or Honors General (1413, 1423; and labs: 1430, 1440)		
Organic (2370, 2380; and labs: 3210, 3220).....	8	2
Quantitative Analysis (3451 and lab 3452) <i>Fall Only</i>	4	4
Physical Chemistry (3510 and 3520)	6	6
<u>MATHEMATICS</u> (7 hours)		
Calculus I & II (1710 & 1720)	7	
Elementary Probability and Statistics (1680) or Probability Models (1780)	(3)	
NOTE: Without sufficient math competence, student will have to complete MATH 1100, 1650		
<u>PHYSICS</u> (8 hours)		
General or Technical (1510, 1520 and labs: 1530, 1540; or 1710, 2220 and labs: 1730 and 2240)	8	
<u>MINOR</u> (20 hours)		
Principles of Biology I (1710 and lab 1730).....	4	
Biology of Microorganisms (2041 and lab 2042)	4	
Genetics (3451 and lab 3452).....	4	4
Cell Biology (3510 and lab 3520)	4	4
Forensic Microscopy (BIOL 4240).....	3	3
Forensic Science Internship (BIOL 4900)	1	1
<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) <i>Spring Only</i>	(4)	(4)
Forensic Molecular Biology (4590) <i>Spring Only</i>	(3)	(3)
<u>UNIVERSITY CORE REQUIREMENTS</u> (33 hours)		
<u>ENGLISH COMPOSITION & RHETORIC</u> (ENGL 1310 and 2700)	6	
<u>VISUAL OR PERFORMING ARTS</u> (See D on other side)	3	
<u>HUMANITIES</u> (See E on other side)	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>UNDERSTANDING THE HUMAN COMMUNITY</u> (choose 6 hrs from the following courses: CJUS 2600, COMM 1010, or COMM 2040)	6	
<u>ADDITIONAL REQUIREMENTS</u>		
MATH 1680 Elementary Probability and Statistics or 1780 Probability Models, CJUS 3330 Introduction to Criminalistics, and CHEM 4631/4632 Instrumental Analysis with Laboratory).....	10	7
(This also fulfills the College of Arts and Sciences Core Requirements, Foreign Language Option II for this degree)		
TOTAL hours shown from above.....	<u>127</u>	<u>54</u>

Note: Hours in parenthesis count toward 2 requirements