

Undergraduate Advisor:
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**UNIVERSITY OF NORTH TEXAS
 COLLEGE OF ARTS AND SCIENCES
 DEPARTMENT OF CHEMISTRY
 REQUIREMENTS FOR THE BACHELOR OF ARTS (B.A.)**

Additional Contact Information:
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 Chemistry Building, Room 207
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THIS IS NOT A DEGREE PLAN

NOTE: This degree requires a total of 120 credit hours of which at least 42 credit hours must be advanced (Junior (3000) or Senior (4000) level).

	credit hours	advanced hours
CHEMISTRY (31 hrs).		
General (1410, 1420; and labs: 1430, 1440)	8	
<u>or</u> Honors General (1413, 1423; and labs: 1430, 1440)		
Organic (2370, 2380; and labs: 3210, 3220).....	8	2
Quantitative Analysis (3451 and lab 3452) (Fall only).....	4	4
		PLUS
PLUS Options I, II, or III		
<u>Option I</u> (recommended for those planning to pursue advanced studies in chemistry)		
Physical Chemistry (3510, 3520; and labs: 3230, 3240) (3510 -Fall, 3520-Spring)	8	8
Additional 3 hours at senior level (*CHEM 4xxx) or BIOC 3621 and lab 3622 (4).....	3	3
		OR
<u>Option II</u> (recommended for those planning career in chemical industry)		
Physical Chemistry (3510 and lab 3230).....	4	4
Additional hours at senior level (*CHEM 4xxx) (which may include BIOC 3621 and lab 3622).....	7	7
		OR
<u>Option III</u> (recommended for professional health majors)		
Physical Chemistry for Life Sciences (3530).....	4	4
Additional hours at senior level (*CHEM 4xxx) (which may include BIOC 3621 and lab 3622).....	7	7
		PLUS

*CHEM 4940- Chemistry Seminar may not be used for a major or minor in chemistry, but may be used towards the 42 advanced hour requirement.

MATHEMATICS (7 hours)		
Introductory calculus (1710, 1720).....	7	

PHYSICS (8 hours)		
Choose <u>either</u> :		
General (1410, 1420; and labs: 1430, 1440)		
or Gen. Physics with Calculus (1510, 1520; and labs: 1530, 1540)		
<u>or</u> Gen. Technical (1710, 2220; and labs: 1730, 2240)	8	

ADVANCED SCIENCE	3	3
NATURAL AND LIFE SCIENCES (See 2-A other side)	4	

UNIVERSITY CORE REQUIREMENTS

ENGLISH COMPOSITION & RHETORIC (See A on attached sheets)	6
CREATIVE ARTS (See D on attached sheets)	3
LANGUAGE, PHILOSOPHY, AND CULTURE (See E on attached sheets)	3
UNITED STATES HISTORY (See F on attached sheets)	6
AMERICAN GOVERNMENT (See G on attached sheets).....	6
SOCIAL AND BEHAVIORAL SCIENCES (See H on attached sheets)	3
COMPONENT AREA OPTION - CATEGORY I (See I on attached sheets)	3
COMPONENT AREA OPTION - CATEGORY II (See J on attached sheets).....	3

COLLEGE OF ARTS AND SCIENCES CORE REQUIREMENTS

FOREIGN LANGUAGE 2040, 2050.....	0-6
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NOTE: Without sufficient language competence, student will have to complete LANG 1010, 1020

(Students can use Arabic, Chinese, French, German, Italian, Japanese, Russian, Spanish, or American Sign Language)

MATHEMATICS AND NATURAL SCIENCE (Satisfied with courses listed under the Chemistry requirements)

Plus hours required for TOTAL of.....	120	42
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