

Name:

Date:

PeopleSoft ID:

### Checklist for BA in Chemistry

Tr	UH	CHEMISTRY (34 Hours - At least 18 Advanced Hours):
		CHEM 1111 (1111) Fundamentals of Chemistry Lab I
		CHEM 1311 (1331) Fundamentals of Chemistry I
		CHEM 1112 (1112) Fundamentals of Chemistry Lab II
		CHEM 1312 (1332) Fundamentals of Chemistry II
		CHEM 2123 (3221) Organic Chemistry Lab I
		CHEM 2323 (3331) Organic Chemistry I
		CHEM 2125 (3222) Organic Chemistry II Lab
		CHEM 2325 (3332) Organic Chemistry II
		CHEM 3119 Analytical Chemistry Lab
		CHEM 3369 Analytical Chemistry
		CHEM 4370 Physical Chemistry I
		or CHEM 4372 Physical Chemistry II

Tr	UH	CHEMISTRY Electives (11 Hours): (11 hours approved advanced hours with at least one lab completed)

Tr	UH	PHYSICS (8 Hours):
		PHYS 2125 (1121) University Physics Lab I
		PHYS 2325 (1321) University Physics I
		PHYS 2126 (1122) University Physics Lab II
		PHYS 2326 (1322) University Physics II

Tr	UH	MATHEMATICS (15 Hours):
		MATH 2413 (1431) Calculus I
		MATH 2414 (1432) Calculus II
		MATH 2415 (2433) Calculus III
		MATH 3321 Engineering Mathematics

Tr	UH	FOREIGN LANGUAGE (6 Hours):
		Foreign Language 23xx:
		Foreign Language 23xx:

Tr	UH	CORE (Check UH Catalog or UH Core Website for Pre-Requisites) COMMUNICATION (6 Hours):
		ENGL 1301 (1303) First Year Writing I
		ENGL 1302 (1304) First Year Writing II

Tr	UH	STATE REQUIREMENTS (12 Hours):
		American History (3 Hours)
		American History (3 Hours)
		GOVT 2305 (POLS 1337) U.S. Government: Congress, President, and Court
		GOVT 2306 (POLS 1336) U.S. and Texas Constitutions and Politics

Tr	UH	FROM APPROVED CORE LIST (12 Hours): Choose from UH Core Website
		Creative Arts (3 Hours)
		Language, Philosophy & Culture (3 Hours)
		Social & Behavioral Sciences (3 Hours)
		Writing in the Disciplines (3 Hours)

*EXAMPLES OF CHEMISTRY ELECTIVES (Check Catalog for Pre-Requisites)	
CHEM 3333 & 3133	Inorganic Chemistry I & Lab
CHEM 3336	Organic Chemistry of Biological Molecules
CHEM 4369 & 4229	Analytical Chemistry II & Lab
CHEM 4365 & 4115	Inorganic Chemistry II & Lab
CHEM 4270	Physical Chemistry I Lab (4370 must be completed to apply)
CHEM 4272	Physical Chemistry II Lab (4372 must be completed to apply)
CHEM 4330	Polymer Chemistry
CHEM 4336	Fundamental Biochemistry
CHEM 4364	Advanced Organic Chemistry
<b>*Select Graduate Level Courses (need consent of Chemistry Faculty Advisor)</b>	

NOTE: At least 6 credit hours must be hands-on laboratory experiences, that include a minimum of 200 contact hours in physical (i.e., not virtual or computer-based) laboratories.

**NSM CAPSTONE (Minimum 6 Advanced Hours):**

Must choose from one of the following:

<input type="checkbox"/> Minor	<input type="checkbox"/> Senior Research Project
<input type="checkbox"/> Double Major	<input type="checkbox"/> Senior Honors Thesis
<input type="checkbox"/> Dual Degree	<input type="checkbox"/> teachHouston

Tr	UH

Tr	UH	FREE ELECTIVES (Additional hours to complete a total of 120 hours, including at least 36 advanced hours)

### RULES YOU NEED TO KNOW:

*\*Numbers in parentheses indicate UH course numbers prior to Fall 2021.\**

- MINIMUM of a 2.00 GPA in cumulative, major, and minor GPA to graduate
- C- RULE:** MAXIMUM of 6 hours of grades below C- allowed in UH CHEM courses
- PRE-REQ RULE:** Must earn C- or better in pre-requisite for CHEM courses
- LAST 30 hours must be exclusively completed at UH
- MAXIMUM of 6 W's allowed during entire undergraduate career
- MINIMUM of 36 advanced hours and 120 total hours to graduate
- MAXIMUM of 66 lower level transfer hours may be applied towards UH degree

Advisor: \_\_\_\_\_