

Name:Date:

PeopleSoft ID:

Checklist for BA in Biochemistry

Tr	UH	BIOCHEMISTRY (29 Hours):	
		BCHS 3201	Biochemistry I Lab Fall, Spring
		BCHS 3304	General Biochemistry I
		BCHS 4311	Biochemistry II Lab
		BCHS 3305	General Biochemistry II
		BCHS 4304	Biophysics
		BCHS 4306	Nucleic Acids
		BCHS 4307	Proteins
		BCHS _3_	3 hours Advanced BCHS Elective
		BCHS _3_	3 hours Advanced BCHS Elective
		BCHS _3_	3 hours Advanced BCHS Elective #

One elective can be an Approved BIOL Elective.

		BIOLOGY (11 Hours):	
		BIOL 1106	Biology for Science Majors I Lab
		BIOL 1306	Biology for Science Majors I
		BIOL 1107	Biology for Science Majors II Lab
		BIOL 1307	Biology for Science Majors II
		BIOL 3301	Mendelian and Population Genetics

		CHEMISTRY (19 Hours):	
		CHEM 1111	Fundamentals of Chemistry Lab I
		CHEM 1311	Fundamentals of Chemistry I
		CHEM 1112	Fundamentals of Chemistry Lab II
		CHEM 1312	Fundamentals of Chemistry II
		CHEM 2123	Organic Chemistry Lab I
		CHEM 2323	Organic Chemistry I
		CHEM 2125	Organic Chemistry Lab II
		CHEM 2325	Organic Chemistry II
		CHEM 4370	Physical Chemistry
		OR CHEM 4373	Survey of Physical Chemistry

		PHYSICS (8 Hours):	
		PHYS 1101	College Physics I Lab
		PHYS 1301	College Physics I
		PHYS 1102	College Physics II Lab
		PHYS 1302	College Physics II
		OR	
		PHYS 2125	University Physics Lab I
		PHYS 2325	University Physics I
		PHYS 2126	University Physics Lab II
		PHYS 2326	University Physics II

		MATHEMATICS (12 Hours):	
		MATH 2413	Calculus I
		MATH 2414	Calculus II
		MATH 2415	Calculus III
		OR MATH 3338	Probability
		OR MATH 3339	Statistics for the Sciences

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

***EXAMPLES OF BIOCHEMISTRY ELECTIVES**
(Check UH Course Catalog for Pre-Requisites)

BCHS 4312Molecular Modeling of Biogocial Macromolecules**

BCHS 4313Cell Biochemistry

BCHS 4314Lipids and Carbohydrates**

BCHS 4321Genomics and Proteomics**

BCHS 4322Biochemistry of Organelles**

BCHS 4324Bioinformatics**

BCHS 4325Molecular Microbiology**

BCHS 4361Clinical Biochemistry**

BCHS 4397Selected Topics**

**Indicates the course is not offered every semester

NSM CAPSTONE (Minimum 6 Advanced Hours):

Must choose from one of the following:

☐ Minor

☐ Double Major

☐ Dual Degree

☐ Senior Research Project

☐ Senior Honors Thesis

☐ teachHouston

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CORE (Check UH Catalog or UH Core Website for Pre-Requisites)

COMMUNICATION (6 Hours):

ENGL 1301First Year Writing I

ENGL 1302First Year Writing II

STATE REQUIREMENTS (12 Hours):

American History (3 Hours)

American History (3 Hours)

GOVT 2305

U.S. Government: Congress, President, and Court

GOVT 2306

U.S. and Texas Constitutions and Politics

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)

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

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RULES YOU NEED TO KNOW:

1. MINIMUM of a 2.00 GPA in cumulative, major, and minor GPA to graduate

2. C- RULE: MAXIMUM of 6 hours of grades below C- allowed in UH BCHS courses

3. PRE-REQ RULE: Must earn a C- or better in all BCHS courses

4. See Residency Rule here: https://publications.uh.edu/content.php?catoid=56&navoid=21157

5. MAXIMUM of 6 W's allowed during entire undergraduate career

6. MINIMUM of 36 advanced hours and 120 total hours to graduate

7. MAXIMUM of 66 lower level transfer hours may be applied towards UH degree

Advisor: _____